

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  WATER SANDS  LOCATION INSPECTED  OIL SUB. REPORT/abd.

8901007 Chg of opn name off U/89: 960213 Dalen to Enserch off. H-96 (merger)  
 941207 fr P60E to DALEN off 10-1-94 (OPN NAME Cg)

DATE FILED 7-23-82

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-10760 INDIAN

DRILLING APPROVED: 7-30-82

SPUDED IN: 9-12-82

COMPLETED: 12-18-82 ROW PUT TO PRODUCING: 12-18-82

INITIAL PRODUCTION: 70 BOFPD, 15 MCF, 4.9 BWPD

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 4956 - 5513

TOTAL DEPTH: 6290

WELL ELEVATION: 5259

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. FEDERAL NGC #31-8-H

API NO. 43-013-30679

LOCATION 1025' FT. FROM (N) LINE. 1662' FT. FROM (E) LINE. NW NE 1/4 - 1/4 SEC. 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
			Enserch Explor. Inc.				

Enserch Explor. Inc.  
 1000 P. O. Box 1000  
 Casper, WY 82401

2

## GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<b>OIL SHALE 1441</b>	Dakota	Park City	McCracken
<b>DELTA 2134</b>	Burro Canyon	Rico (Goodridge)	Aneth
<b>GREEN SHALE 3143</b>	Cedar Mountain	Supai	Simonsen Dolomite
<b>BLACK SHALE 4170</b>	Buckhorn	Wolfcamp	Sevy Dolomite
<b>BLACK SHALE 5370</b>	JURASSIC	CARBON I FEROUS	North Point
<b>GREEN RIVER 5840</b>	Morrison	Pennsylvanian	SILURIAN
Wasatch	Salt Wash	Oquirrh	Laketown Dolomite
Stone Cabin	San Rafael Gr.	Weber	ORDOVICIAN
Colton	Summerville	Morgan	Eureka Quartzite
Flagstaff	Bluff Sandstone	Hermosa	Pogonip Limestone
North Horn	Curtis	Pardox	CAMBRIAN
Almy	Entrada	Ismay	Lynch
Paleocene	Moab Tongue	Desert Creek	Bowman
Current Creek	Carmel	Akah	Tapeats
North Horn	Glen Canyon Gr.	Barker Creek	Ophir
CRETACEOUS	Navajo	Wingate	Tintic
Montana	Kayenta	Cane Creek	PRE-CAMBRIAN
Mesaverde	Wingate		
Price River	Wingate		
Blackhawk	TRIASSIC		

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

July 23, 1982

**RECEIVED**

JUL 29 1982

**DIVISION OF  
OIL, GAS & MINING**

Mr. E. W. Gynn  
Minerals Management Service  
1745 West 1700 South, Suite 2000  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Re: NGC #31-8-H Federal  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 8, T.9S., R.17E.  
Duchesne County, Utah  
Pleasant Valley area

Gentlemen:

Natural Gas Corporation of California proposes to drill the above captioned well. Enclosed are the following documents relating to the drilling of this well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) 13 Point Surface Use Plan

Should you require additional information, please contact this office.

Sincerely,

*Rick Canterbury*

Rick Canterbury  
Associate Engineer

/kh

Encls.

cc: Operations  
C. T. Clark  
E. R. Henry

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

July 28, 1982

**RECEIVED**

JUL 29 1982

Division of Oil, Gas & Mining  
State of Utah  
4241 State Office Building  
Salt Lake City, UT 84114

**DIVISION OF  
OIL, GAS & MINING**

Attn: Sandra Curtis

Re: Request for Exception to Rule C-3  
Pleasant Valley Well ~~#31-8-H~~  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.  
Lease #U-10760  
Duchesne County, Utah

Dear Ms. Curtis:

Natural Gas Corporation of California, as operator on Federal Lease U-10760, requests permission to locate a well 1662' from the east line and 1025' from the north line of Section 8, T.9S., R.17E. This location is requested due to topography and in order to reduce surface disturbance. Please see attached map.

If you should need additional information, please contact Bill Ryan or myself at 801-789-4573.

Sincerely,

*Rick Canterbury*

Rick Canterbury  
Associate Engineer

RC/kh

Attachment

cc: Operations

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
 85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1025' from the north line and 1662' from the east line of Section 8, T.9S., R.17E., (NW $\frac{1}{4}$  NE $\frac{1}{4}$ ).  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 12 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1025'

16. NO. OF ACRES IN LEASE  
 800

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 6200

19. PROPOSED DEPTH  
 6200

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5245' GR

22. APPROX. DATE WORK WILL START\*  
 Aug. 10, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 NGC #31-8-H

10. FIELD AND POOL, OR WILDCAT  
 Pleasant Valley MONUMENT DATE

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 Section 8, T.9S., R.17E.

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	300	To surface
7-7/8"	5-1/2"	17#	T.D.	As required to protect oil shale and producing formations.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 7/30/82  
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE July 23, 1982  
 Rick Canterbury

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

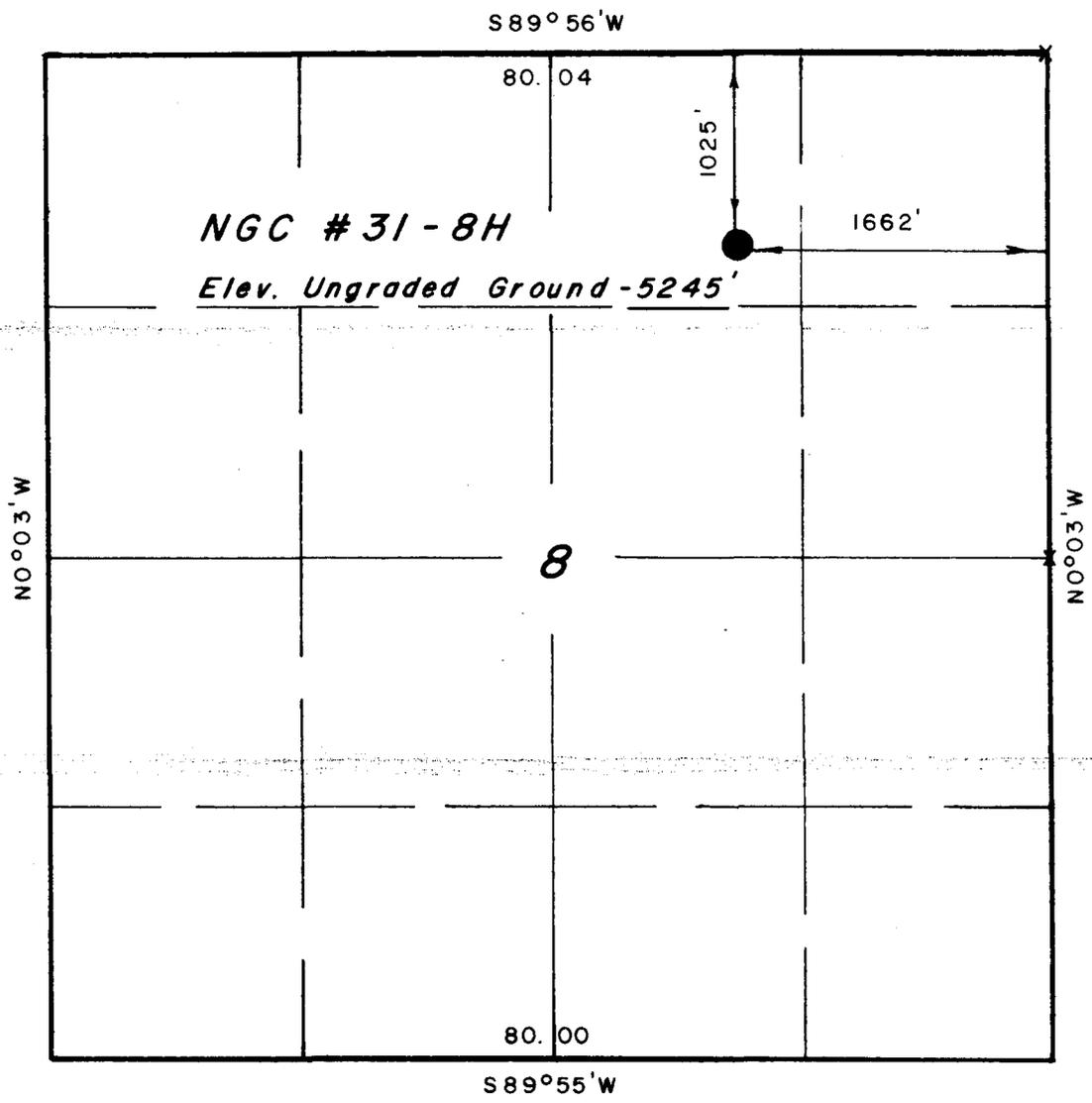
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 cc: MMS; Div. OG&M; Operations; CTClark; ERHenry

T 9 S, R 17 E, S.L.B.&M.

PROJECT  
**NATURAL GAS CORP. OF CALIF.**

Well location, *NGC # 31-8H*,  
 located as shown in the NW 1/4  
 NE 1/4 Section 8, T9S,R17E,S.L.B.&M.  
 Duchesne County, Utah.



CERTIFICATE:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	7/14/82
PARTY	R.K. J.F. S.B.	REFERENCES	G L O Plat
WEATHER	Fair	FILE	NATURAL GAS

X = Section Corners Located

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

July 28, 1982

Division of Oil, Gas & Mining  
State of Utah  
4241 State Office Building  
Salt Lake City, UT 84114

Attn: Sandra Curtis

Re: Request for Exception to Rule C-3  
Pleasant Valley Well #31-8-H  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.  
Lease #U-10760  
Duchesne County, Utah

Dear Ms. Curtis:

Natural Gas Corporation of California, as operator on Federal Lease U-10760, requests permission to locate a well 1662' from the east line and 1025' from the north line of Section 8, T.9S., R.17E. This location is requested due to topography and in order to reduce surface disturbance. Please see attached map.

If you should need additional information, please contact Bill Ryan or myself at 801-789-4573.

Sincerely,



Rick Canterbury  
Associate Engineer

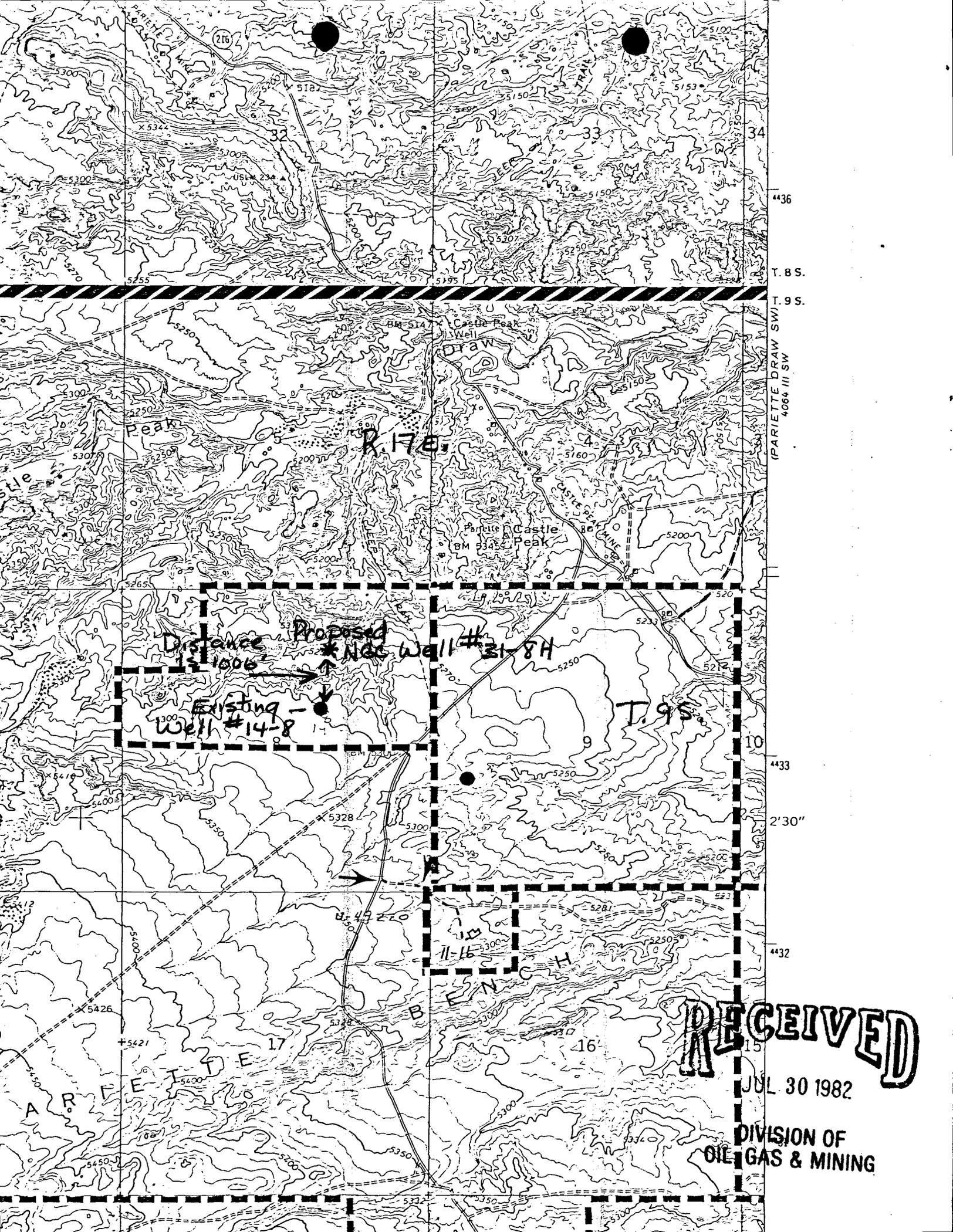
RC/kh

Attachment

cc: Operations

**RECEIVED**  
JUL 30 1982

**DIVISION OF  
OIL, GAS & MINING**



216

32

33

34

436

T. 8 S.

T. 9 S.

(PARIETTE DRAW SW) 4084 III SW

Peak

R. 17E

Castle Peak Well Draw

Pariette Castle Peak BM 9345

Distance Proposed 131006  
Existing Well # 14-8  
Proposed Well # 31-8H

T. 9 S.

10

433

2'30"

432

BENCH

ARFETTE

17

16

JUL 30 1982

RECEIVED

DIVISION OF OIL GAS & MINING

\*\* FILE NOTATIONS \*\*

DATE: 7-30-82

OPERATOR: Natural Gas Corp of Cal

WELL NO: N-G-C # 31-8-H

Location: Sec. 8 T. 9S R. 17E County: DUCHESNE

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-013-30679

CHECKED BY:

Petroleum Engineer: OK Exception location C-3(c)

Director: \_\_\_\_\_

Administrative Aide: C-3(c) OK except 955' from  
N-G-C # 42-8-H

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed

Plotted on Map

Approval Letter Written

Hot Line

P.I.

July 30, 1982

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

RE: Well No. NGC #31-8-H  
Sec. 8, T. 9 S, R. 17 E  
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - DIRECTOR  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30679.

Sincerely,

DIVISION OF OIL, GAS AND MINING

  
Ronald J. Firth  
Chief Petroleum Engineer

RJF/as  
Enclosure  
cc: Minerals Management Service



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY REFER TO

T & R  
U-801

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED  
AUG 5 1982  
SALT LAKE CITY, UTAH

August 3, 1982

Ed Guynn, District Engineer  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: APD Appraisal  
Natural Gas Corporation  
No. 31-8-H; T8S, R17E,  
Sec. 8, NW $\frac{1}{4}$ NE $\frac{1}{4}$ .

Dear Mr. Guynn:

We have reviewed the APD for the well referenced above. It is satisfactory with the following acceptations: (1) The total width of the road and ditches should not exceed 30'. (2) Seeding for rehabilitation should only be done in the fall of the year between September 1 and when the ground becomes frozen. No spring seeding should be done.

An archaeological survey has been done by Archaeological Research Corporation. No cultural resources were located on the surface of the survey area.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna or their habitats.

Sincerely,

Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: MMS, Vernal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MINERAL MANAGEMENT  
DIVISION

OIL & GAS OPERATIONS  
RECEIVED

JUL 30 1982

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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Section 8, T.9S., R.17E., (NW 1/4 NE 1/4).  
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21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5245' GR

22. APPROX. DATE WORK WILL START\*  
Aug. 10, 1982

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7-7/8"	5-1/2"	17#	T.D.	As required to protect oil shale and producing formations.

RECEIVED

AUG 09 1982

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Rick Canterbury TITLE Associate Engineer DATE July 23, 1982  
Rick Canterbury  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] FOR E. W. GUYNN  
CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE AUG 6 1982

cc: MMS; Div. OG&M; Operations; CTClark; ERHenry

NOTICE OF APPROVAL  
State O & G

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

United States Department of the Interior  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED  
AUG 5 1982  
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Company of California  
Project Type Oil Well  
Project Location 1025' F NL 1662' 1 EL Section 8, T.9 S., R.17 E.  
Well No. 31-8H Lease No. U-10760  
Date Project Submitted Notice of Staking in Vernal Office July 14, 1982  
APD Submitted July 30, 1982

FIELD INSPECTION

Date July 22, 1982

Field Inspection Participants

Gregory Darlington - MMS, Vernal  
Gary Slagel - BLM, Vernal  
Bill Kwan - NGCC  
Pic. Canterbury - NGCC  
Clay Cook - UTARC, Archaeologist

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

August 5, 1982  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur

8/6/82  
Date

[Signature]  
District Supervisor

### Proposed Actions:

NGCC plans to drill the Pleasant Valley #1 31-8H well, a 5200' sit test of various formations. A new access road of .3 mile length will be required to reach the existing well service road to the #14-8 producing well also operated by NGCC. A pad 170' by 350' and a reserve pit 100' by 150' are planned for the location. The existing drainages will be diverted around the pad.

### Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: July 22, 1982

Well No.: 31-8H

Lease No.: 6-10720

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Straighten out major drainage  
at back of the pad. Minor drainages are of little if any  
problem just the Main drainage to the North.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) See the production of prints - 1/30 ± 1/4-8

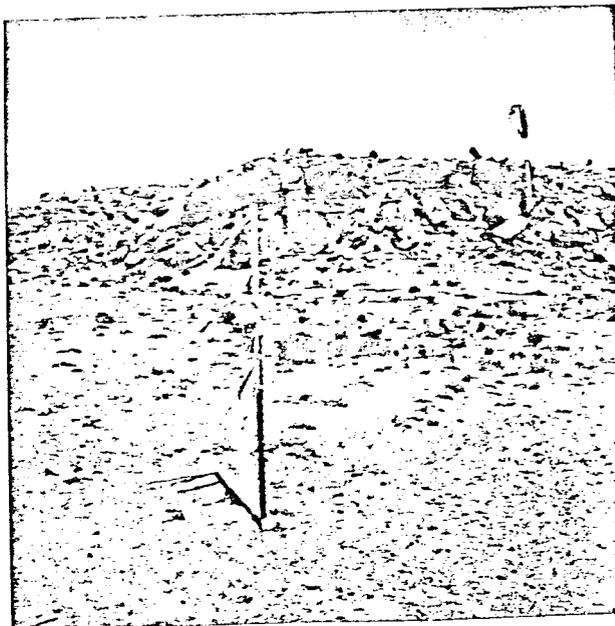
with Major drainage at back of pad. Pad is generally  
in a flat area with job well back away from the drainage

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	July 22 1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



North View  
AGCC 31-8 H

Ten Point Plan  
 Natural Gas Corporation of California  
 Well #31-8-H Federal  
 NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.  
 Duchesne County, Utah

1. Surface Formation: Uintah
2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5259' KB
Green River	1505'	3740'
Oil Shale Facies	2133'	3112'
Delta Facies	3109'	2136'
Green Shale Facies	4213'	1032'
Black Shale Facies	5245'	0
Green River Lime	5830'	- 585'
Wasatch	6001'	- 756'
T.D.	6206'	- 951'

3. Producing Formation Depth:  
Wasatch and the Green River.

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12-1/4"	9-5/8"	36#, K-55	300'	New
7-7/8"	5-1/2"	17#, N-80	T.D.	New

5. BOP and Pressure Containment Data: A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-4000	Clear Water	---	No Control	Water/Gel
4000-TD	8.8	40	10cc/less	L.S.N.D.

7. Auxiliary Equipment: Upper Kelly cock, full opening stabbing valve, 2½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

a) Testing: None anticipated.

b) Coring: Possibly one core will be taken in the lower Green River formation.

c) Sampling: 10' samples will be taken by the loggers from the surface casing to T.D.

d) Logging:

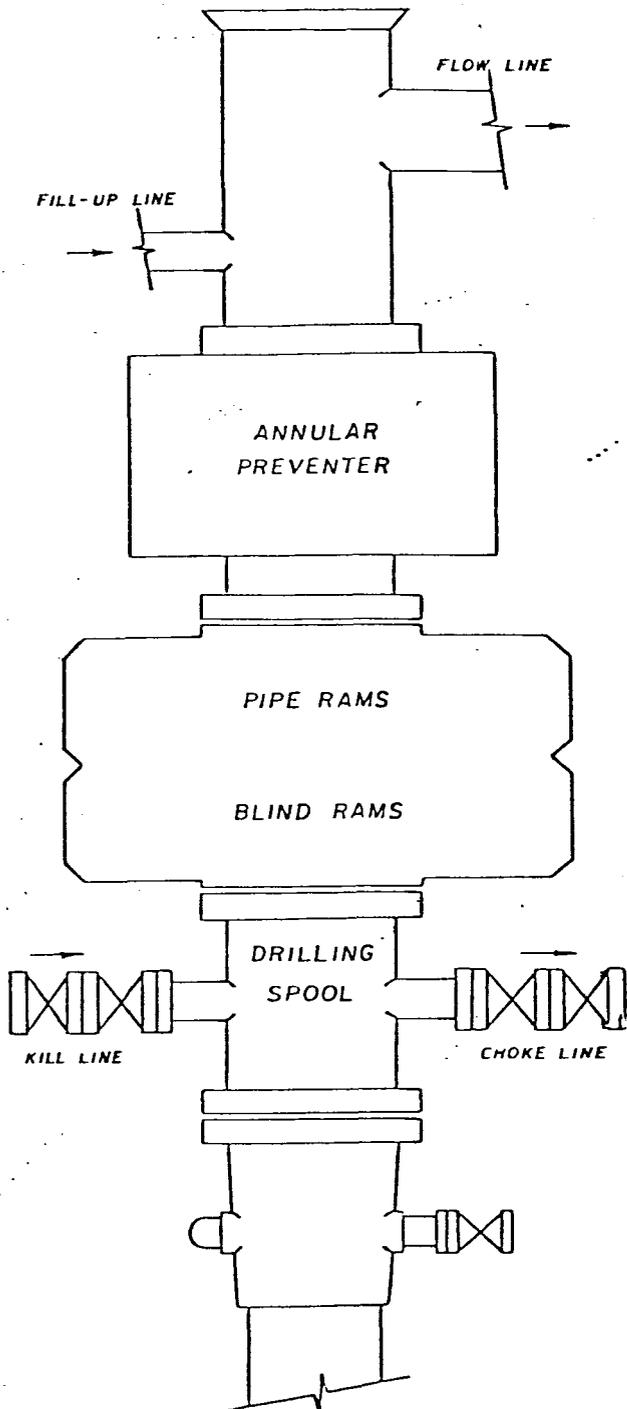
<u>Type</u>	<u>Interval</u>
DIL w/GR and SP	Logged interval selected by wellsite geologist.
FDC-CNL w/GR and CAL	
BHC Sonic w/GR and CAL and "F" log Overlay	
Proximity log-Micro	

9. Abnormalities (including sour gas): No abnormalities are anticipated.

10. Drilling Schedule: Anticipated starting date is Aug. 10, 1982 with duration of operations expected to last about 10 days.

NATURAL GAS CORPORATION  
OF  
CALIFORNIA  
BOP AND PRESSURE CONTAINMENT DATA

NGC #31-8-H Federal  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.  
Duchesne County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2 $\frac{1}{2}$ " choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

Natural Gas Corporation of California

13 Point Surface Use Plan

Well #31-8-H Federal

NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.

Duchesne County, Utah

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #31-8-H, proceed west from Myton, Utah along U.S. Highway 40 for about 1.5 miles to its junction with U.S. Highway 53; proceed south for 2 miles to its junction with county road #216. Follow this road south for approximately 10 miles to the sand wash junction. Proceed southwest on the sand wash road for 1.1 miles and then northwest for .3 mile into Well #14-8. At this point the new road will start.

2. PLANNED ACCESS ROAD

See attached topographic map B.

Approximately .3 mile of new road construction will be required.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 40 feet.
- 2) Maximum grade - 3%.
- 3) Turnouts - None.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes.
- 5) Location and size of culverts, major cuts and fills - No cuts or fills will be required or culverts planned for the access road.
- 6) Surfacing materials - None.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None.
- 2) Abandoned Wells - None.
- 3) Temporarily Abandoned Wells - None.

- 4) Disposal Wells - None.
- 5) Drilling Wells - None.
- 6) Producing Wells - NGC Well #13-9H, NGC Well #14-8H
- 7) Shut-in Wells - None.
- 8) Injection Wells - None.
- 9) Monitoring or observation wells for other resources - None.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. (1) Tank batteries - none.  
(2) Production facilities - none.  
(3) Oil gathering lines - none.  
(4) Gas gathering lines - none.
- B. (1) In the event production is established, all petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.  
  
(2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.  
  
(3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map A.

Water will be obtained from Upper Pleasant Valley Canal in Section 23, T.4S., R.2W. An agreement has been made with the Uintah Basin Irrigation Co. and a copy has been attached.

6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cutting, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock-tight" fence shall be installed on three sides of the reserve pit. This fence will be woven wire at least 36 inches high and within 4 inches of ground surface with one strand of barbed wire above the woven wire. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill. There will be no trash burning on the location.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the trash cage and hauled to a local authorized sanitary landfill.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1800 cubic yards of material that will be stockpiled. Topsoil will be stockpiled on the east and west sides of the location.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations, and when rehabilitation operations are complete.

The following seed mixture and methods for seeding will be used:

The seed mixture will be determined at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

- 1) The Vernal District BLM will be contacted by the Operator or dirt contractor forty eight hours prior to beginning any work on public land.
- 2) The dirt contractor will be furnished a copy of the approved APD and Surface Use Plan prior to beginning any work on public land.
- 3) All permanent (on-site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.
- 4) Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California  
85 South 200 East  
Vernal, UT 84078  
Attn: Bill Ryan or Rick Canterbury

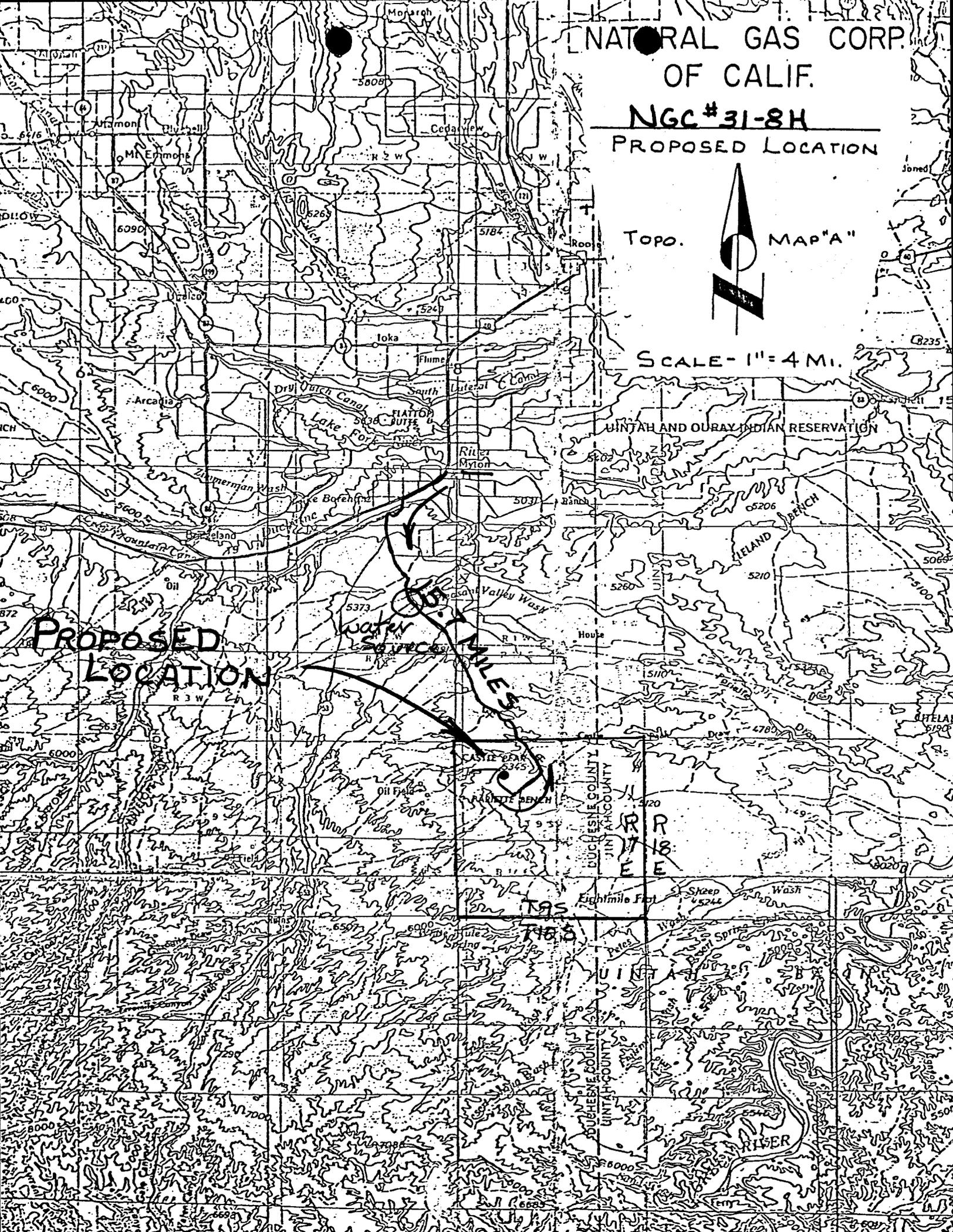
Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

July 23, 1982  
Date

*Rick Canterbury*  
Rick Canterbury, Associate Engineer



NATURAL GAS CORP.  
OF CALIF.

**NGC #31-8H**

PROPOSED LOCATION



TOPO.

MAP "A"

SCALE - 1" = 4 MI.

PROPOSED  
LOCATION

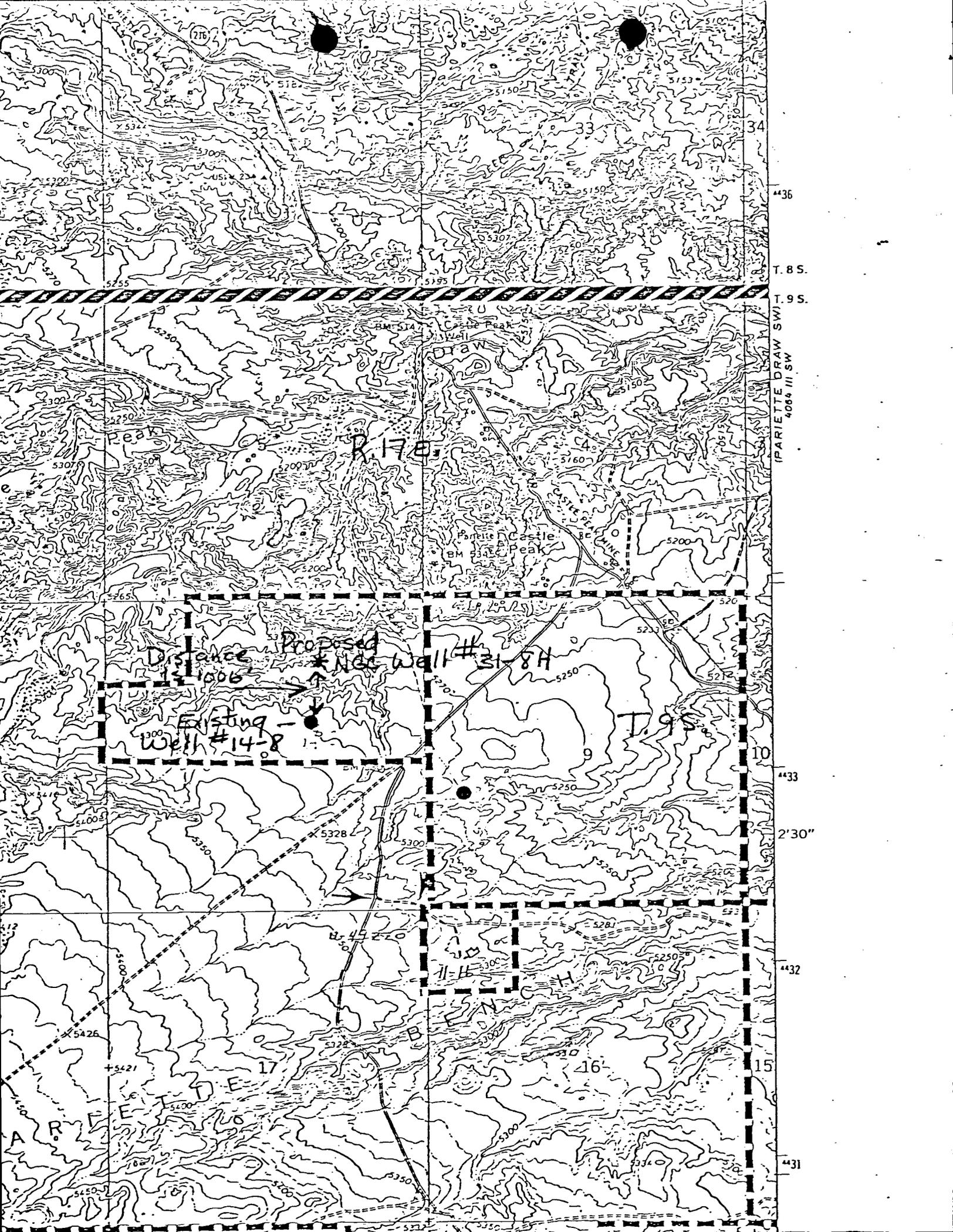
15 MILES

UINTAH AND OURAY INDIAN RESERVATION

DUCHESSNE COUNTY  
JIN AR COUNTY  
R R  
E E

DUCHESSNE COUNTY  
JIN AR COUNTY  
R R  
E E

RIVER



Distance 15,100 ft  
Existing Well #14-8  
Proposed Well #31-8H

4436  
T. 8 S.  
T. 9 S.  
4433  
2'30"  
4432  
4431

(PARIETTE DRAW SW)  
4084 III SW

A R F E T D E

R. 17 E.  
R. 18 E.

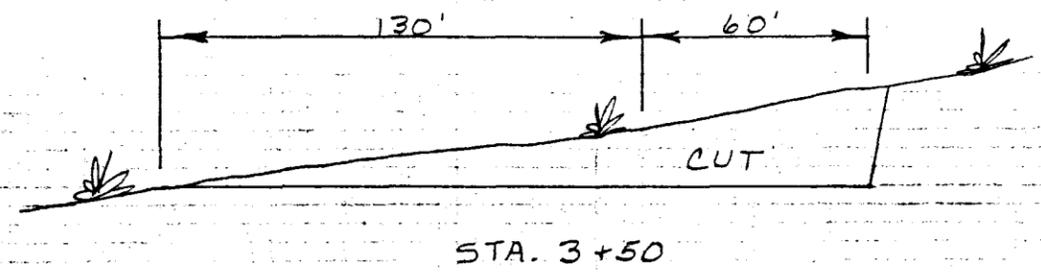
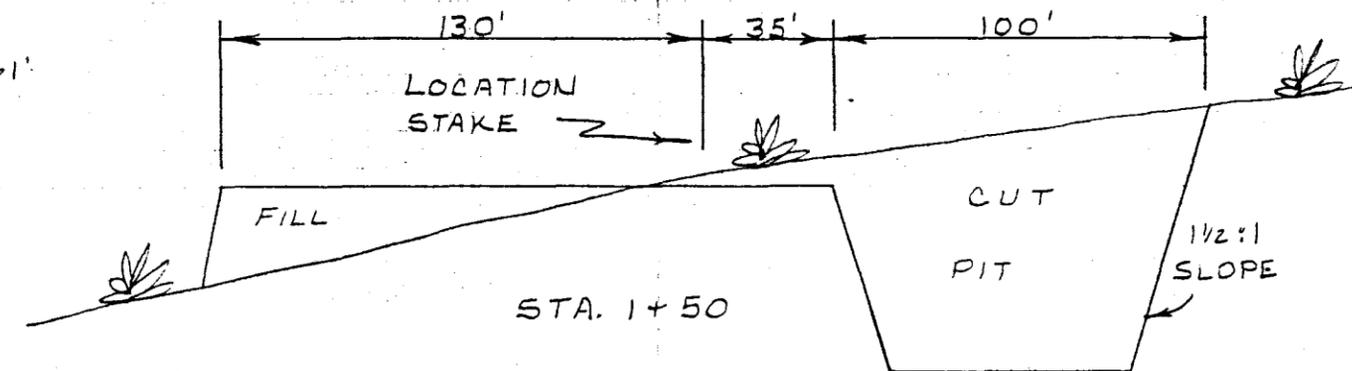
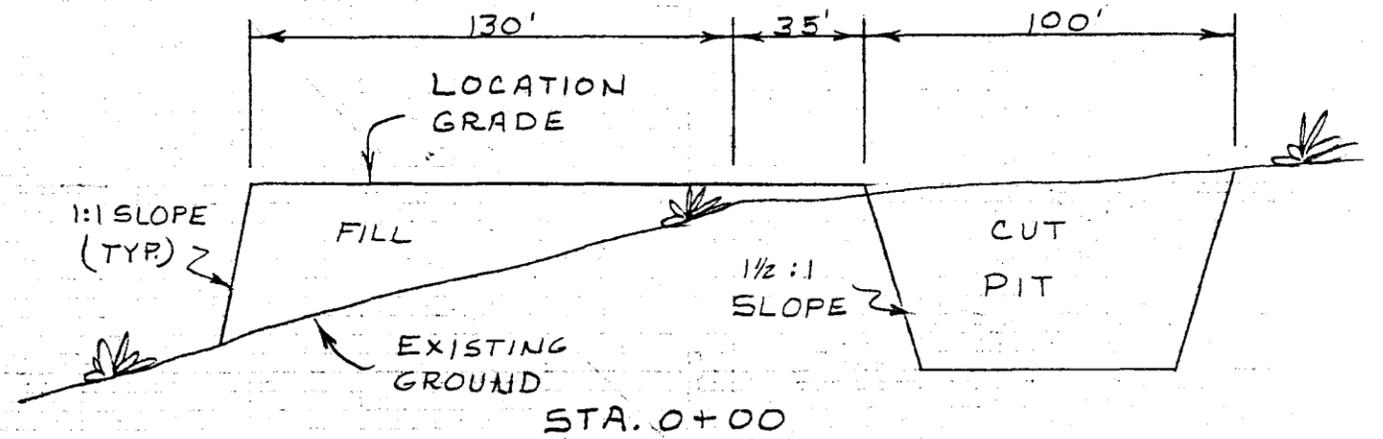
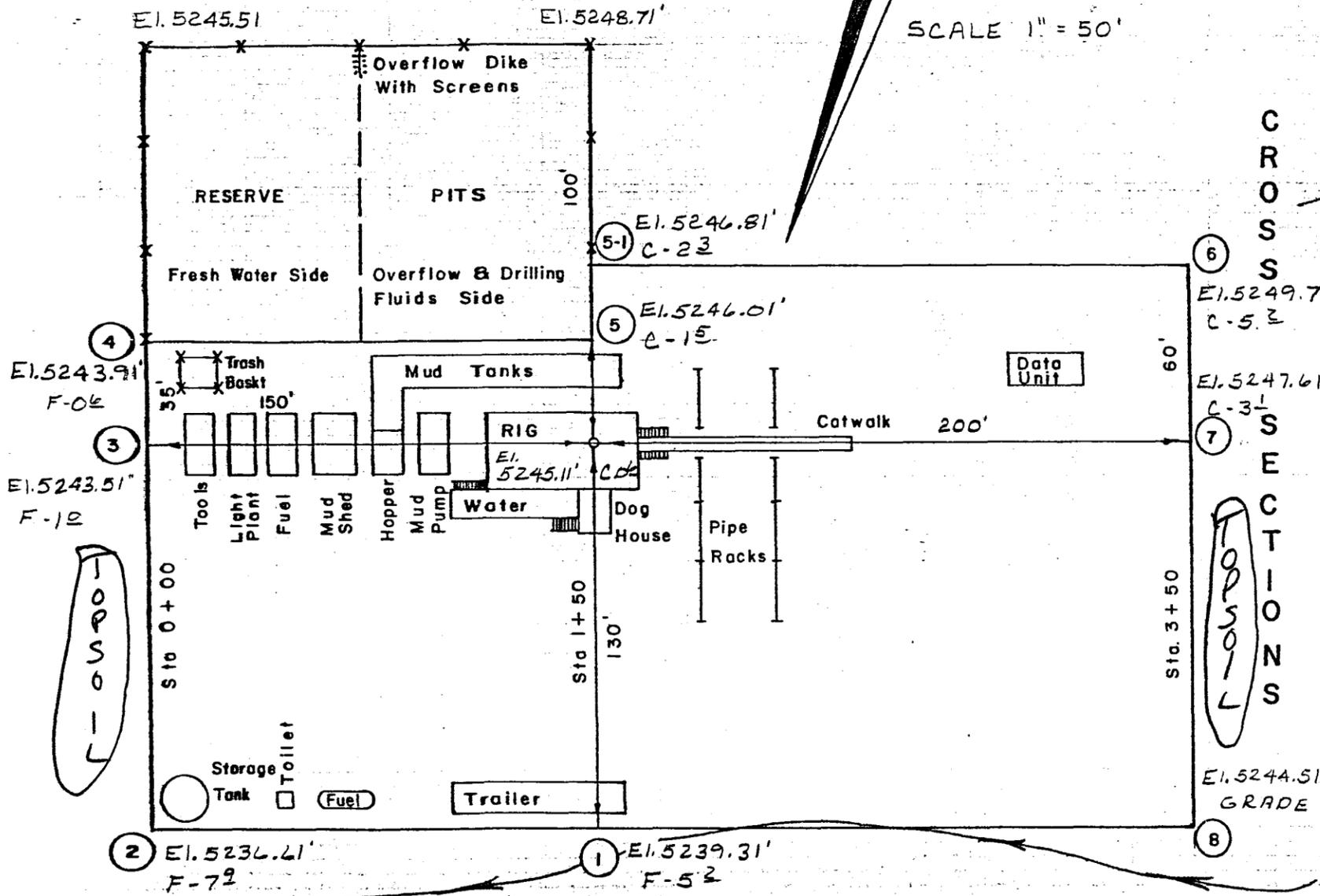
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# NATURAL GAS CORP. OF CALIFORNIA

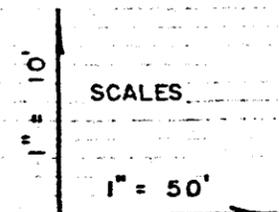
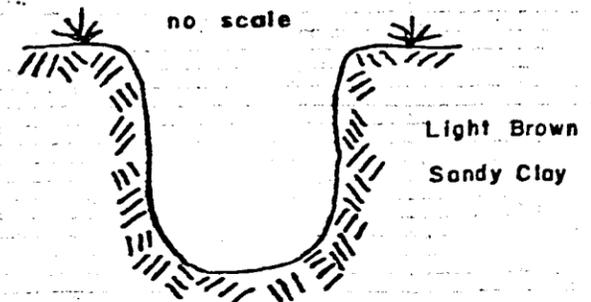
## NGC. # 31-8H



SCALE 1" = 50'

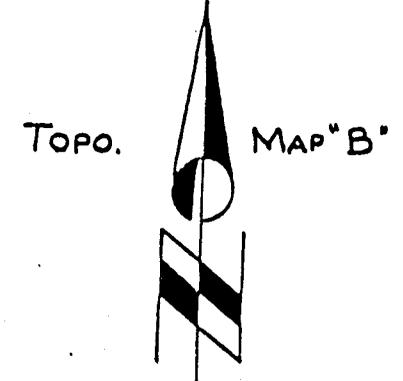


### SOILS LITHOLOGY



APPROXIMATE YARDAGES	
Cubic Yards of Cut	7432
Cubic Yards of Fill	3884

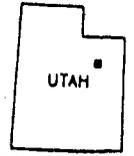
NATURAL GAS CORP.  
OF CALIF.  
NGC #31-8H  
PROPOSED LOCATION



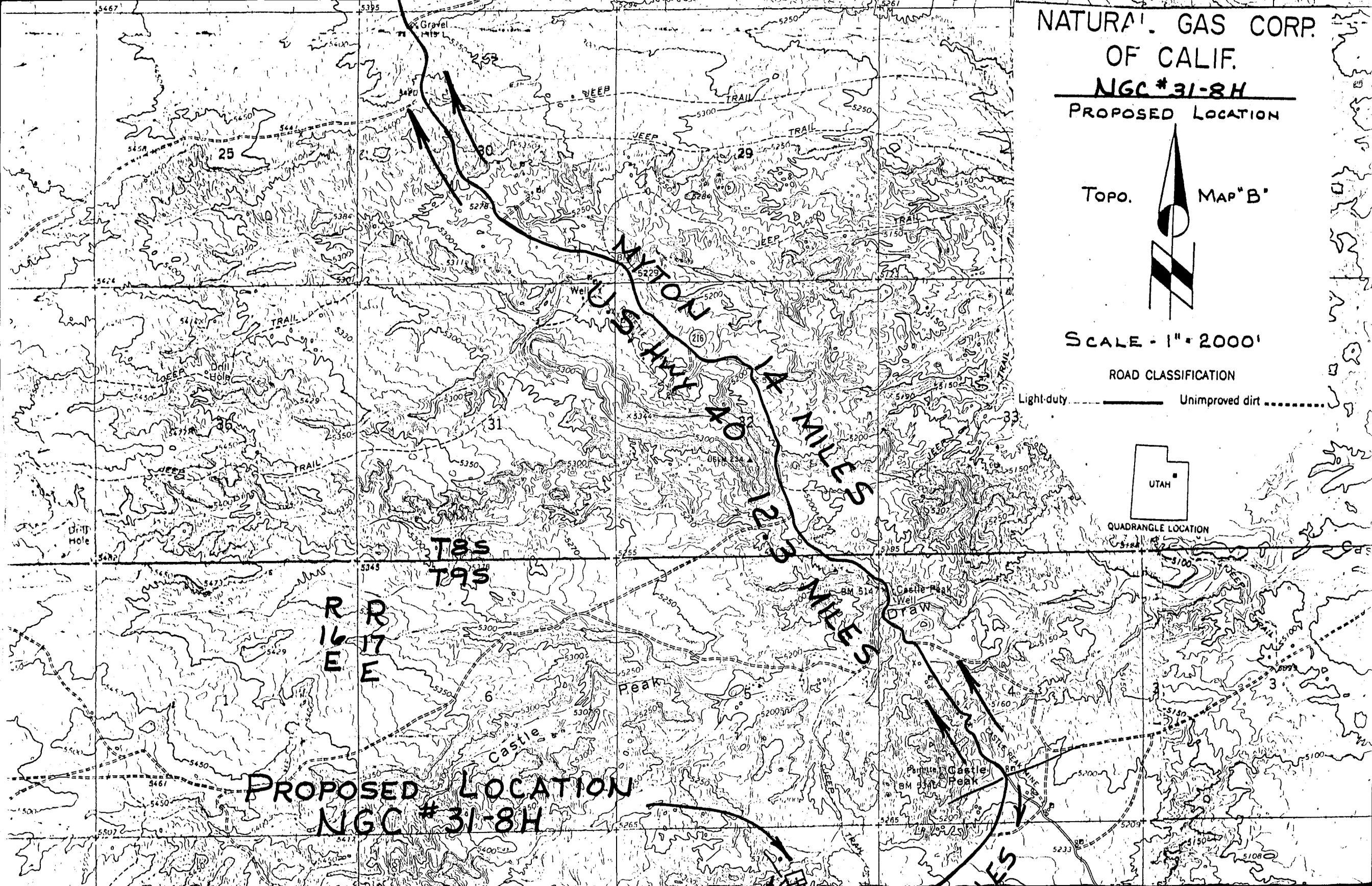
SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ..... Unimproved dirt .....



QUADRANGLE LOCATION



PROPOSED LOCATION  
NGC #31-8H

13.5 MILES  
4.0 MILES  
2.2 MILES

R R  
16 17  
E E

T8S  
T9S

25

30

29

31

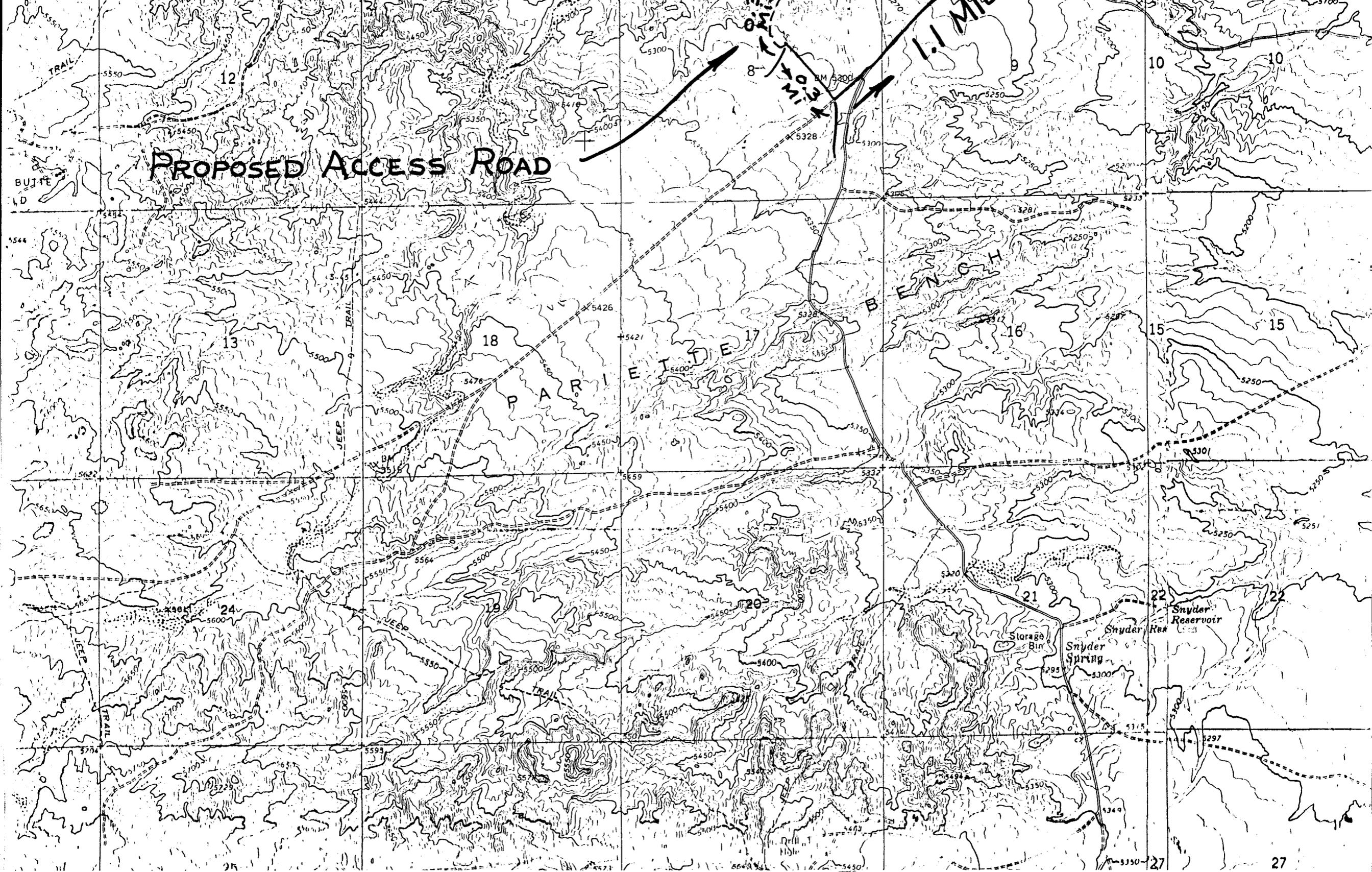
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# PROPOSED ACCESS ROAD



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: NATURAL GAS CORPORATION OF CALIFORNIA

WELL NAME: 31-8-H

SECTION NWNE 8 TOWNSHIP 9 S RANGE 17 E COUNTY Duchesne

DRILLING CONTRACTOR Olsen Drilling

RIG # 5

SPUDED: DATE 8-12-82

TIME 10:15 AM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Karla Hanberg

TELEPHONE # 789-4573

DATE 8-13-82 SIGNED Cari Furse

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

August 16, 1982

Mr. E. W. Guynn  
Minerals Management Service  
1745 West 1700 South, Suite 2000  
Salt Lake City, UT 84104

Mr. Sam Boltz, Jr.  
Chorney Oil Company  
1860 Lincoln, Suite 401  
Denver, CO 80295

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #31-8-H Federal  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8, T.9S., R.17E.  
Duchesne County, Utah  
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,  
Report of Spud Date, for the above captioned well.

Sincerely,

*Rick Canterbury kh*

Rick Canterbury  
Associate Engineer

/kh

Attachment

cc: Operations  
C. T. Clark  
E. R. Henry  
S. Furtado

RECEIVED  
AUG 18 1982

DEPARTMENT OF  
OIL, GAS AND MINES

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1025' FNL, 1662' FEL (NW $\frac{1}{4}$  NE $\frac{1}{4}$ )  
AT TOP PROD. INTERVAL: Sec. 8, T.9S., R.17E.  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*

SUBSEQUENT REPORT OF:

- 
- 
- 
- 
- 
- 
- 
- 

(other) Report of Spud Date

5. LEASE  
U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
NGC #31-8-H

10. FIELD OR WILDCAT NAME  
Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 8, T.9S., R.17E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.  
43-013-30679

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5245' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the **spudding** of the subject well at 10:15 p.m. August 12, 1982 by Olsen Drilling Rig #5.

Spud date reported orally to Minerals Management Service, Salt Lake City, UT August 13, 1982.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Cantabery TITLE Associate Engr. DATE August 13, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: MMS; Div. OG&M; Operations; CTClark; ERHenry; SFurtado; Chorney; DeGolyer

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

4  
2

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078 (801-789-4573)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
1025' FNL 1662' FEL (NW $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 8, T.9S., R.17E.  
At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-30679 | DATE ISSUED 7-30-82

5. LEASE DESIGNATION AND SERIAL NO.  
U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
NGC-Well #31-8-H

10. FIELD AND POOL, OR WILDCAT  
Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 8, T.9S., R.17E.

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

15. DATE SPUNDED 8-12-82 | 16. DATE T.D. REACHED 8-20-82 | 17. DATE COMPL. (Ready to prod.) 12-18-82 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5245 GR, 5259 KB | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6290' | 21. PLUG, BACK T.D., MD & TVD 5973' | 22. IF MULTIPLE COMPL., HOW MANY\* TWO | 23. INTERVALS DRILLED BY → | ROTARY TOOLS X | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4956' - 5513' | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL-SP, FDC/CNL-CAL, Prox-Micro Log, Cyberlook | 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	322'	12-1/4"	To Surface	None
5-1/2"	17#	6069'	7-7/8"	600 sxs.	None

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5581'	

31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	NUMBER OF HOLES	AMOUNT AND KIND OF MATERIAL USED
5434-35' (2 holes), 5444-46' (3 holes), 5467 $\frac{1}{2}$ ' (1 hole), 5471' (1 hole), 5474-77' (4 holes), 5510-13' (1SPF, 4 holes)		
5434' - 5513'		Frac w/45,500 gal (versagel) fluid & 156,000# 20/40 sand
4956-58' and 4980-90'		Frac w/45,350 gal (versagel) fluid & 160,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12/18/82	Pumping American 228	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/4/82	24		→	70	15	4.9	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	250	→	70	15	4.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Used for fuel | TEST WITNESSED BY Boyd Snow

35. LIST OF ATTACHMENTS  
Geological Report to follow

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Rick Canterbury TITLE Associate Engineer DATE February 11, 1983

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Green River	1441'	
				Oil Shale Facies	2134'	
				Delta Facies	3143'	
				Green Shale Facies	4170'	
				Black Shale Facies	5370'	
				Green River Line	5840'	
				Wasatch	6010'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-10760	
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1025' FNL 1662' FEL NW $\frac{1}{4}$ NE $\frac{1}{4}$		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-013-3679		9. WELL NO. NGC #31-8-H	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5245' GR		10. FIELD AND POOL, OR WILDCAT Pleasant Valley	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T.9S., R.17E.	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) Request Temporary Surface Pit <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

**RECEIVED**  
NOV 23 1984

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED William A. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE APPROVED BY THE STATE

CONDITIONS OF APPROVAL, IF ANY:  
Federal approval of this action is required before commencing operations.

**ACCEPTED**  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 12/30/84  
BY: John R. Bena

\*See Instructions

Natural Gas  
Corporation of  
California

RECEIVED  
OCT 08 1986

DIVISION OF  
OIL, GAS & MINING

October 6, 1986

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Gas Sales to Pipeline  
Pleasant Valley Field

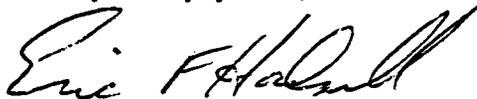
Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", notifying you that 15 of our Pleasant Valley wells were venting gas from September 26, 1986 to October 4, 1986. All 15 wells as listed below are currently producing to Mountain Fuel's gas gathering system.

Lease #U-30096	32-5-G, 21-5-G, 12-4-G, & 42-4-G
Lease #U-10760	12-8-H, 31-8-H, 41-8-H, & 42-8-H
Lease #U-50750	11-9-H, 12-9-H, & 22-9-H
Lease #U-30688	33-34-D
Lease #U-45031	42-34-D & 43-34-D
Lease #U-49430	13-35-D

If you have any questions, please contact our Vernal office.

Very truly yours,



Eric F. Hadsell  
Lead Engineer

/KH

cc: Operations  
S. Furtado (Room 1449)  
L. Jorgensen (Room 1412)  
Files

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

17  
EA.

101535

5. LEASE DESIGNATION AND SERIAL NO.

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

See attached list

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State Division of OIL, GAS & MINING. See also space 17 below.)  
At surface

**RECEIVED**  
OCT 08 1986

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Venting Gas <input checked="" type="checkbox"/>	X <input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator advises that due to contractual problems with pipeline companies and FERC, 15 of our Pleasant Valley wells began venting gas September 26, 1986. At that time we began testing to determine the amount of gas being vented at each well.

October 4, 1986 we were notified that these wells could go back on production. All wells are currently on production and venting has ceased.

Attached is a list of these wells.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Eric F. Hadsell*  
Eric F. Hadsell

TITLE

Lead Engineer

DATE

October 6, 1986

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

PLEASANT VALLEY WELLS VENTING GAS

WELL	LOCATION	COUNTY	LEASE NO.
32-5G	SW/NE Sec. 5, T9S, R16E	Duchesne	U-30096
21-5G	NE/NW Sec. 5, T9S, R16E	Duchesne	U-30096
12-4G	SW/NW Sec. 4, T9S, R16E	Duchesne	U-30096
42-4G	SE/NE Sec. 4, T9S, R16E	Duchesne	U-30096
12-8H	SW/NW Sec. 8, T9S, R17E	Duchesne	U-10760
31-8H	NW/NE Sec. 8, T9S, R17E	Duchesne	U-10760
41-8H	NE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
42-8H	SE/NE Sec. 8, T9S, R17E	Duchesne	U-10760
11-9H	NW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
12-9H	SW/NW Sec. 9, T9S, R17E	Duchesne	U-50750
22-9H	SE/NW Sec. 9, T9S, R17E	Duchesne	U-50750
33-34D	NW/SE Sec. 34, T8S, R18E	Uintah	U-30688
42-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
43-34D	SE/NE Sec. 34, T8S, R18E	Uintah	U-45031
13-35D	NW/SW Sec. 35, T8S, R18E	Uintah	U-49430

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

2

5. LEASE DESIGNATION AND SERIAL NO.

U-10760 **POW-GRU**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

31-8-H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec 8, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1025' FNL 1662' FEL NW NE

14. PERMIT NO.

43-013-~~3679~~ 30679

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5245' GR

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

Vent Gas

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 21 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 90 days.

18. I hereby certify that the foregoing is true and correct

SIGNED Christ M. Hedstrom

TITLE Production Supt.

DATE 3/29/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

Natural Gas  
Corporation of  
California

RECORDED  
MAR 31 1988

DIVISION OF  
OIL, GAS & MINING

March 29, 1988

040734

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	26 MCFD
Pleasant Valley #32-5-G	43 MCFD
Pleasant Valley #12-4-G	10 MCFD
Pleasant Valley #42-4-G	73 MCFD
Pleasant Valley #22-9-H	26 MCFD
Pleasant Valley #11-9-H	43 MCFD
Pleasant Valley #41-8-H	43 MCFD
Pleasant Valley #42-8-H	17 MCFD
Pleasant Valley #31-8-H	21 MCFD
Pleasant Valley #12-8-H	14 MCFD
Pleasant Valley #12-9-H	26 MCFD

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

*Mike McMican*

Mike McMican  
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

31-8-H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 8, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations. See also space 17 below.)  
At surface

1025' FNL 1662' FEL NW NE

14. PERMIT NO. 30679  
43-013-3679

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5245' GR

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS   
Vent Gas

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to problems with our transporter, Amgas, we are currently forced to vent gas from the subject well. The amount being vented is 29 MCFD.

Amgas has had management problems resulting in the shutting in of the three rental compressors on the gathering system. Amgas has made major corporate changes in administration and is hoping to have the gathering system operational within 30 days.

18. I hereby certify that the foregoing is true and correct

SIGNED Christ M. Sedberry

TITLE Production Supt.

DATE 7/6/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side

DATE: 8-8-88

John R. Bay

Natural Gas  
Corporation of  
California

RECEIVED  
JUL 11 1988

Suspense  
SLS  
11-8-88

DIVISION OF  
OIL, GAS & MINING

July 7, 1988

Bureau of Land Management  
Vernal District  
170 South 500 East  
Vernal, Utah 84078

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Report of Vented Gas at Pleasant Valley and Glen Bench

Gentlemen,

We are presently unable to sell our casinghead gas from the wells listed below because of problems with Amsel's gathering system that are preventing it from operating. As a result we are having to vent gas from these wells and they were recently tested at the following volumes:

Pleasant Valley #21-5-G	40 MCFD
Pleasant Valley #32-5-G	49 MCFD
Pleasant Valley #12-4-G	22 MCFD ✓
Pleasant Valley #42-4-G	139 MCFD
Pleasant Valley #22-9-H	56 MCFD
Pleasant Valley #11-9-H	72 MCFD
Pleasant Valley #41-8-H	54 MCFD
Pleasant Valley #42-8-H	28 MCFD
Pleasant Valley #31-8-H	29 MCFD
Pleasant Valley #12-8-H	18 MCFD ✓

Not venting the gas would be severely detrimental to our oil production so we request approval to continue to vent these amounts while the Amsel gathering system is inoperable.

In addition, due to the small and declining gas volumes from all of our Glen Bench and Pleasant Valley oil wells, we request approval to alter our testing schedule from monthly to yearly. We feel this would provide sufficient information on these low gas-oil ratio wells.

Sincerely,

*Mike McMican*

Mike McMican  
Petroleum Engineer

MM/cw

Attachments

cc: S. Furtado (Rm 1458); L. Jorgensen (Rm 1433); W.G. Paulsell (Rm 1428)

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA  
85 SOUTH 200 EAST  
VERNAL UT 84078  
ATTN: PROD. ACCOUNTING

Utah Account No. NO700  
Report Period (Month/Year) 5 / 89  
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number    Entity    Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
X GLEN BENCH 31-30 4304731008 06045 08S 22E 30	GRRV				
X NGC FED 44-19 4304731257 06045 08S 22E 19	GRRV				
X NGC 13-20 4304731355 06045 08S 22E 20	GRRV				
X NGC 22-30 4304731260 06050 08S 22E 30	GRRV				
X GLEN BENCH 23-21 4304731007 06054 08S 22E 21	MVRD				
X FEDERAL 11-9-H 4301330887 06058 09S 17E 9	GRRV				
X C FED 11-31-1 4304731244 06065 09S 18E 31	GRRV				
X FED NGC 31-8H 4301330679 06075 09S 17E 8	GRRV				
X FED NGC 42-8H 4301330678 06080 09S 17E 8	GRRV				
X NGC 41-8H 4301330741 06085 09S 17E 8	GRRV				
X FED 41-30 4301330601 06095 09S 17E 30	GRRV				
X NGC 12-4G 4301330699 06100 09S 16E 4	GRRV				
X NGC FED 21-5G 4301330698 06105 09S 16E 5	GRRV				
<b>TOTAL</b>					

Comments (attach separate sheet if necessary) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.    Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

NGC  
Energy  
Company

2001 Bryan Tower  
Suite 953  
Dallas, Texas 75201  
(214) 742-2396

RECEIVED  
JUN 21 1989

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY  
2001 Bryan Tower, Suite 953  
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY  
85 South 200 East  
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY  
P. O. Box 840274  
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,



Keith H. Perkins  
Vice President Controller

KHP/chs

6-26-89

NGC Energy Co : Natural Gas Corp  
of CA are one in the same  
company. talked w/ my. Butens  
he indicated both companies  
should reflect the chg. NGC Co.  
will send a chg of op from  
Natural Gas Corp to NGC.

JAS

State : Utah SL Merid 9S - 17E - 8 nw ne

57

County: DUCHESNE Oper: NATURAL GAS CORP

Field : MONUMENT BUTTE Compl: 02/04/1983 D O OIL

Well: NGC #31-8-H Last Info: 06/27/1988

Ftg: 1025 fnl 1662 fel

Lat-Long by GITI: 40.049789 - 110.026215

Oper Address: 85 S. 200 E., Vernal UT 84078 - 801/789-4573

Obj: 6200 Wasatch Permit #: 07/30/1982 API: 43-013-3067900

Elev: 5259KB

Spud: 08/12/1982 Contr: Olsen #5

TD: 6290 on 08/20/1982

PB: 5973

Elev: 5259KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)  
(Source: H=Scout, I=IOG, T=Govt, S=Shell, G=USGS, N=NRIS)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1441	3818	L H	Black sh facies	5370	-111	L H
oil shale facies	2134	3125	L H	Green River ls	5840	-581	L H
Delta facies	3143	2116	L H	Wasatch	6010	-751	L H
gn shale facies	4170	1089	L H				

Casing: 9 5/8 @ 322 - 5 1/2 @ 6069 w/600

Core : None

Logs : DIL-SP FDC-CNL Cal Prox-Microlog Cyberlook

Tubing: 2 7/8 @ 5581

Perfs : 5434-5513 (Green River )  
w/1 SPF - frac w/45,500 gal Versagel 156,000# 20/40 sd  
4956-4990 (Green River )  
w/shots @ 4956-58 4980-90 - frac w/43,350 gal Versagel 160,000# 20/40  
sd

PZone : 4956-5513 (Green River )

IP : P 130 BOPD (Operator Rpt) P 70 BOPD , 15 MCFGPD, 5 BWPD (Final Rpt)

Journl: 9/13/82 WO completion.  
10/25/82 WO completion.  
11/22/82 completing.  
1/5/83 completed oil well.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT  
PG&E RESOURCES COMPANY  
6688 N CENTRAL EXP #1000  
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT  (Highlight Changes)

Well Name	API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes			
							OIL(BBL)	GAS(MCF)	WATER(BBL)	
✓ FRED MORRIS FED 19-1	4301330587	00451	09S 17E 19	GRRV			✓ U13905			
✓ CASTLE PEAK FEDERAL 43-5	4301330858	02043	09S 16E 5	GR-WS			U034217A	(Wells Draw GRRV Unit)		
✓ <del>DEVIL'S PLAYGROUND 32-31W</del>	4304731010	06047	09S 24E 31	MVRD	TA		✓ U9215	(Rec'd 10-21-94)	* PA'd 10-24-94	
✓ POMCO 14-8	4301330542	06057	09S 17E 8	GRRV			✓ U10760			
✓ FEDERAL 11-9-H	4301330887	06058	09S 17E 9	GRRV			✓ U50750			
✓ FED NGC 31-8H	4301330679	06075	09S 17E 8	GRRV			✓ U10760			
✓ NGC 41-8H	4301330741	06085	09S 17E 8	GRRV			✓ "			
✓ FED 41-30	4301330601	06095	09S 17E 30	GRRV			✓ U11385			
✓ NGC 12-4G	4301330699	06100	09S 16E 4	GRRV			✓ U30076	(Wells Draw GRRV Unit)		
✓ NGC FED 21-5G	4301330698	06105	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)		
✓ FEDERAL 23-5-G	4301331207	06105	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)		
✓ NGC FED 32-5G	4301330670	06110	09S 16E 5	GRRV			✓ "	(Wells Draw GRRV Unit)		
✓ FEDERAL 42-4	4301330638	06115	09S 16E 4	GRRV			✓ "	(Wells Draw GRRV Unit)		
<b>TOTALS</b>										

COMMENTS: \* Wells Draw GRRV Unit eff. 4/94  
\* West Willow Creek Unit eff. 10/94  
\* Inj. Wells (MIC FE)

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

State of Delaware  
Office of the Secretary of State

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP  
AND MERGER**

**MERGING**

**PG&E Resources Offshore Company  
a Delaware corporation**

**INTO**

**PG&E Resources Company  
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation  
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

**FIRST:** That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

**SECOND:** That Resources owns all of the outstanding shares of the capital stock of Offshore.

**THIRD:** That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

**"RESOLVED,** that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

**RESOLVED,** that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

**RESOLVED,** that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams  
Name: Joseph T. Williams  
Title: President

DALEN Resources  
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero  
State Oil & Gas Office  
3 Triad Center  
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson  
Regulatory Analyst

JJ/sw  
Enclosures

cc: Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

## UTAH WELLS

OCT 11 1994

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Govt. Fowler #20-1	NW/4 NW/4	20-9S-17E	Duchesne	U-13905	43-013-30563
✓ Federal #19-1	NW/4 NW/4	19-9S-17E	Duchesne	U-13905	43013-30587
✓ Federal #41-30-H	NE/4 NE/4	30-9S-17E	Duchesne	U-11385	43-013-30601
✓ Federal #21-15-H	NE/4 NW/4	15-9S-17E	Duchesne	U-11385	43-013-30614
✓ State #11-16 (PA'd 5/90)	NW/4 NW/4	16-9S-17E	Duchesne	ML-21844	43-013-30616
✓ Federal #42-4	SE/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-30638
✓ Federal #13-9-H	NW/4 SW/4	9-9S-17E	Duchesne	U-37810	43-013-30656
✓ Federal #32-5-G	SW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-30670
✓ Federal #31-8-H	NW/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30679
✓ Federal #12-8-H	SW/4 NW/4	8-9S-17E	Duchesne	U-10760	43-013-30680
✓ Federal #24-15-H	SE/4 SW/4	15-9S-17E	Duchesne	U-10760	43-013-30681
✓ Federal #24-9-H	SE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-30682
✓ Federal #21-5-G	NE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-30698
✓ Federal #12-4-G	SW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-30699
✓ NGC #41-8-H	NE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30741
✓ Federal #42-8-H (PA'd 5/90)	SE/4 NE/4	8-9S-17E	Duchesne	U-10760	43-013-30678
✓ NGC #11-9-H	NW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30887
✓ Federal #12-9-H	SW/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-30983
✓ Federal #22-9-H	SE/4 NW/4	9-9S-17E	Duchesne	U-50750	43-013-31049
✓ Federal #41-5-G	NE/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31205
✓ Federal #23-9-H	NE/4 SW/4	9-9S-17E	Duchesne	U-50750	43-013-31206
✓ Federal #23-5-G	NE/4 SW/4	5-9S-16E	Duchesne	U-30096	43-013-31207
✓ Federal #24-33-B	SE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31214
✓ Federal #14-34-B	SW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31225
✓ Federal #31-4-G	NW/4 NE/4	4-9S-16E	Duchesne	U-30096	43-013-31228
✓ Federal #14-33-B	SW/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31229
✓ Federal #43-33-B	NE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31240
✓ Federal #23-34-B	NE/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31241
✓ Federal #11-4-G	NW/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31250

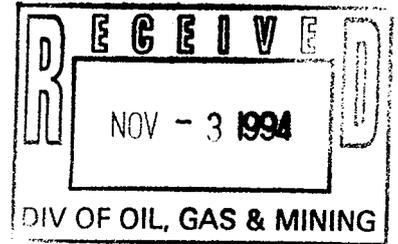
DALEN Resources  
Oil & Gas Co.



October 31, 1994

Kent E. Johnson  
Vice President  
Exploration/Development

STATE OF UTAH NATURAL RESOURCES  
OIL & GAS MINING  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Gil Hunt



Re: Name Change  
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert  
Exploration Manager  
Northern Division

JRW:lkd

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

3100  
U-01470A  
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :  
6688 N. Central Expwy., #1000 : Oil and Gas  
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

**/s/ ROBERT LOPEZ**

Chief, Minerals  
Adjudication Section

Enclosure  
Exhibit

bc: Moab District Office w/encl.  
Vernal District Office w/encl.  
MMS-Data Management Division, Denv  
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2	
To	LISHA CARDONA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A \*Confirmed BLM/SL  
11-29-94. Jec



ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety U1870145/80,000. "Rider to Deter" rec'd 10-3-94. \*Trust Land/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new <sup>Upon compl. of routing.</sup> and former operators' bond files.
- Yes / N/A 3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date    19  . If yes, division response was made by letter dated    19  .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated    19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

DD 2. Copies of documents have been sent to State Lands for changes involving State leases. 2/8/94 to Ed Borm

FILMING

- /    1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 Borm/S.Y. Not appr. yet!

941125 " Appr.'d.



DALEN Resources  
Oil & Gas Co.



May 26, 1995

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Underground Injection Control Section  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. Gil Hunt

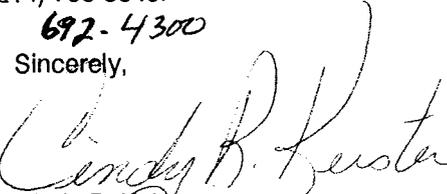
RE: Application for Water Injection  
Pleasant Valley Waterflood Unit  
Duchesne County, Utah

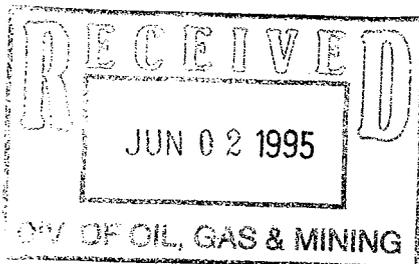
Dear Mr. Hunt:

DALEN Resources Oil & Gas Co. respectfully requests approval to convert the following wells into water injection wells in conjunction with DALEN's Proposed Pleasant Valley Unit, Docket No. 95007, Cause No. 234-1:

Federal 44-5	Federal 13-9H
Federal 22-8H	Federal 22-9H
Federal 31-8H	Federal 24-9H
Federal 42-8H	Federal 33-9H
Federal 11-9H	

The enclosed application has been prepared in accordance with R615-5-1 and R615-5-2 and is being submitted for your review and approval. If you have any questions or need additional information, please contact the undersigned at (214) ~~706-3640~~.

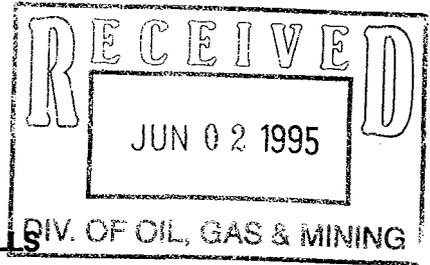
*692-4300*  
Sincerely,  
  
Cindy R. Keister  
Supervisor Regulatory Compliance  
Northern Production Division



Enclosures

cc: S. Gilbert  
J. Buron  
R. Miller  
Central File  
Regulatory File

PLEASANT VALLEY WATERFLOOD UNIT  
DUCHESE COUNTY, UT  
INFORMATION APPLICABLE TO ALL NINE (9) WELLS



**A. ELECTRIC LOGS**

A copy of the marked injection interval is attached for your convenience. The electric logs have been submitted and are on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

**B. CEMENT BOND LOGS**

The Cement Bond Logs have been submitted and are currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

**C. CASING PROGRAM/TESTING PROCEDURES**

The casing program for each of the nine (9) wells is reflected on the attached individual wellbore diagrams. Before injection begins, the casing outside the tubing shall be tested to 1000 psi as required in R615-5-5.

**D. INJECTION FLUID**

Initially the water used for injection will be purchased from Inland whose water source is Johnson Water Supply. A water analysis of the water produced from the Green River is included in this application. Water samples will be taken and a water analysis and compability statement will be furnished. When the waterflood is in full operation, produced water from DALEN's Pleasant Valley Unit Wells will be used for injection. Annual injection rates will be determined by a step-rate test, but the initial injection rate will be 300-500 BWPD per well at an injection pressure somewhat below 2000 psi.

**E. FRESH WATER PROTECTION**

The frac gradients for the field average to be .9492 psig/ft. The maximum injection pressures will be kept below this gradient. The average frac gradients for the field were calculated as follows:

$$\begin{aligned} \text{Frac gradient} &= \frac{(.44 \text{ psi/ft})(4063 \text{ ft}) + 2069 \text{ psi}}{4063 \text{ ft}} = .9492 \text{ psi/ft} \end{aligned}$$

$$\begin{aligned} \text{Surface parting pressure} &= .9492(4063 \text{ ft}) = 3856 \text{ psi} \\ &3856 - (.44)(4063 \text{ ft}) = 2068 \text{ psi (normal representation)} \end{aligned}$$

ISIP 2069 psi w/XL Borate fluid in hole. Perf: 4056' /70'

## **F. GEOLOGY**

The Pleasant Valley Unit is within 3 miles of and similar to the Monument Butte Green River "D" Unit in that it produces from the same Green River sands with similar pay thicknesses and production characteristics. Production is from 14 laterally continuous channel sands, located vertically from the "Garden Gulch" marker to the basal lime sections of the Green River.

Oil is stratigraphically trapped in lenticular, fine grained quartz sandstone fluvial deposits intersecting the edge of a lacustrine environment. These sandstones are associated with multicolored shales and carbonates of a lacustrine nature. The Pleasant Valley area is located on a structural monocline dipping one to two degrees to the Northeast. Reservoir thickness and distribution are basically similar but improve somewhat as you go from Monument Butte into Pleasant Valley. The two fields contain the same hydrocarbons and similar water saturations. The water in which these reservoirs were deposited was fresh to brackish.

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 3

G. OFFSET WELL MECHANICAL CONDITION (1/2 MILE RADIUS)

OFFSET WELL - PIUTE-FEDERAL 14-4 (Section 4, T9S-R17E SW/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	277'	5907'
Amount of Cement	225sx	803sx
Type of Cement		
Top of Cement	Surface	1828' Calc.
Date Set	08/82	08/82
PBTD		5895'

OFFSET WELL - MAXUS-FEDERAL 24-4 (Section 4, T9S-R17E SE/SW)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)		
Grade		
Setting Depth	283'	
Amount of Cement		
Type of Cement		
Top of Cement	Surface	
Date Set	10/87	
PBTD		

OFFSET WELL - ALCRON-FEDERAL 24-5 (Section 5, T9S-R17E SE/SE)

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	258'	5699'
Amount of Cement	150sx	643sx
Type of Cement		
Top of Cement	Surface	2433' Calc
Date Set	01/92	01/92
PBTD		5668'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 4

**OFFSET WELL - ALLEN-FEDERAL 34-5 (Section 5, T9S-R17E SW/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	260'	6060'
Amount of Cement	175sx	785sx
Type of Cement		
Top of Cement	Surface	2073' Calc.
Date Set	09/83	09/83
PBTD		6015'

**OFFSET WELL - ALLEN-FEDERAL 43-5 (Section 5, T9S-R17E NE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)		
Grade		
Setting Depth	253'	
Amount of Cement	190sx	
Type of Cement		
Top of Cement	Surface	
Date Set	10/83	
PBTD		

**OFFSET WELL - MONUMENT BUTTE-FEDERAL 1-8 (Section 8, T9S-R17E SE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	300'	5848'
Amount of Cement	220sx	644sx
Type of Cement		
Top of Cement	Surface	2577' Calc.
Date Set	10/83	10/83
PBTD		

PLEASANT VALLEY DRAW WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 5

**OFFSET WELL - FEDERAL 12-8H (Section 8, T9S-R17E SW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	N-80
Setting Depth	300'	6147'
Amount of Cement		100sx + 780sx
Type of Cement		HiLift RFC
Top of Cement	Surface	1220'
Date Set	09/82	09/82
PBTD		6054'

**OFFSET WELL - ALCRON MONUMENT-FEDERAL 13-8 (Section 8, T9S-R17E NW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	8-5/8"	TITE HOLE
Casing Size		
Weight (lbs/ft)		
Grade		
Setting Depth	282'	
Amount of Cement		
Type of Cement		
Top of Cement		
Date Set	01/93	
PBTD		

**OFFSET WELL - FEDERAL 21-8H (Section 8, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	360'	6125'
Amount of Cement	200sx	410sx + 560sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	800'
Date Set	10/94	11/94
PBTD		6071'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 6

**OFFSET WELL - MAXUS-FEDERAL 23-8 (Section 23, T8S-R17E NE/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	251'	6250'
Amount of Cement	240sx	465sx
Type of Cement		
Top of Cement	Surface	3888'
Date Set	11/87	11/87
PBTD		6203'

**OFFSET WELL - FEDERAL 32-8H (Section 8, T9S-R17E SW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>	
Hole Size	13-3/4"	8-3/4"	DV Tool
Casing Size	10-3/4"	7"	
Weight (lbs/ft)	40.5#	29#	
Grade	K-55	N-80	
Setting Depth	295'	6378'	4313'
Amount of Cement	300sx	300sx + 150sx	480sx
Type of Cement	Class "G"	Class "G"	Class "G"
Top of Cement	Surface		1850' Est
Date Set	02/80	02/80	
PBTD		5344'	

**OFFSET WELL - ALCRON MONUMENT-FEDERAL 33-8 (Section 8, T9S-R17E NW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	8-5/8"	TITE HOLE
Casing Size		
Weight (lbs/ft)		
Grade		
Setting Depth	262'	
Amount of Cement		
Type of Cement		
Top of Cement	Surface	
Date Set	02/94	
PBTD		

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 7

**OFFSET WELL - FEDERAL 41-8H (Section 8, T9S-R17E NE/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	15.5#
Grade	K-55	K-55
Setting Depth	302'	6091'
Amount of Cement	200sx	132sx + 640sx
Type of Cement		HiLift 50/50 Poz
Top of Cement	Surface	2532'
Date Set	5/83	5/83
PBTD		

**OFFSET WELL - PIUTE-FEDERAL 43-8 (Section 8, T9S-R17E NE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	268'	5866'
Amount of Cement	200sx	566sx
Type of Cement		
Top of Cement	Surface	2992' Calc.
Date Set	12/83	12/83
PBTD		5826'

**OFFSET WELL - FEDERAL 12-9H (Section 9, T9S-R17E SW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	N-80
Setting Depth	289'	6063'
Amount of Cement	200sx	320sx + 495sx
Type of Cement	Pacesetter Lite	Lite + 50/50 Poz
Top of Cement	Surface	2316'
Date Set	09/84	09/84
PBTD		5905'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 8

**OFFSET WELL - FEDERAL 14-9H (Section 9, T9S-R17E NW/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	369'	6100'
Amount of Cement	200sx	390sx + 540sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	550'
Date Set	09/94	09/94
PBTD		5990'

**OFFSET WELL - FEDERAL 21-9H (Section 9, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	350'	6125'
Amount of Cement	200sx	390sx + 540sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	2770'
Date Set	09/94	10/94
PBTD		6078'

**OFFSET WELL - FEDERAL 23-9H (Section 9, T9S-R17E NE/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	K-55
Setting Depth	298'	5599'
Amount of Cement	165sx	205sx + 380sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	1505'
Date Set	04/88	05/88
PBTD		5532'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 9

**OFFSET WELL - FEDERAL 31-9H (Section 9, T9S-R17E NW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)	24#	
Grade	K-55	
Setting Depth	283'	
Amount of Cement	200sx	
Type of Cement	Class "A"	
Top of Cement	Surface	
Date Set	06/85	
PBTD		

**OFFSET WELL - STATE 11-16 (P&A) (Section 16, T9S-R17E NW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	4-1/2"
Weight (lbs/ft)	24#	11.6#
Grade		
Setting Depth	326'	6104'
Amount of Cement	240sx	400sx
Type of Cement		
Top of Cement	Surface	
Date Set	11/81	12/81
PBTD		6010'

**OFFSET WELL - SUE MORRIS 16-3 (Section 16, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	262'	5836'
Amount of Cement	428sx	855sx
Type of Cement		
Top of Cement	Surface	1493' Calc.
Date Set	02/81	03/81
PBTD		

**H. AFFIDAVIT OF NOTIFICATION**

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on May 26, 1995:

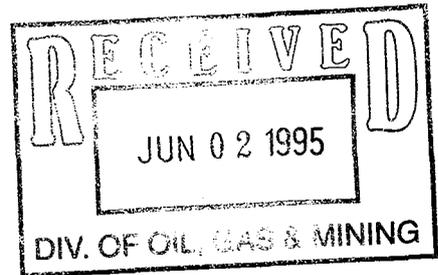
Federal 44-5	Federal 13-9H
Federal 22-8H	Federal 22-9H
Federal 31-8H	Federal 24-9H
Federal 42-8H	Federal 33-9H
Federal 11-9H	

**OFFSET OPERATORS:**

Equitable Resources Energy Co.  
Balcron Oil Division  
P. O. Box 21017  
Billings, MT 59104

**SURFACE OWNERS:**

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078



*Juni LaFavers*  
\_\_\_\_\_  
Signature

*Jor:* Cindy R. Keister  
Name

Supvr Regulatory Compliance, Northern Division  
Title

(214) 706-3640  
Telephone

May 26, 1995  
Date



2060 SOUTH 1500 EAST  
VERNAL, UTAH 84078

Telephone (801) 789-4327

## WATER ANALYSIS REPORT

Company: DALEN RESOURCES

Address:

Field/Lease:

Report For:

cc.

cc.

cc.

Service Engineer: ED SCHWARZ

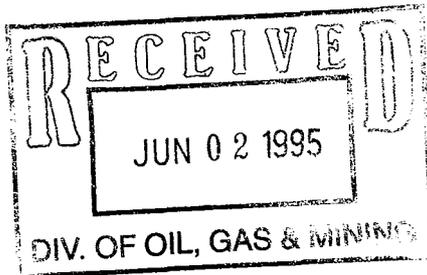
Project #: 940871

Date Sampled: 4-14-95

Date Received: 4-17-95

Date Reported: 4-24-95

Chemical Component	22-8-H	14-8-H
Chloride (mg/l)	11200	11400
Sulfate (mg/l)	0	0
Carbonate (mg/l)	0	148
Bicarbonate (mg/l)	600	276
Calcium (mg/l)	68	198
Magnesium (mg/l)	15	19
Iron (mg/l)	47	43
Barium (mg/l)	n/d	n/d
Strontium (mg/l)	n/d	n/d
Sodium (mg/l)	7360	7416
pH	8.4	8.0
Ionic Strength	0.33	0.34
Specific Gravity	1.010	1.005
SI@20C (68F)	0.66	0.29
SI@25C (77F)	0.78	0.41
SI@30C (86F)	0.90	0.52
SI@40C (104F)	1.16	0.78
SI@50C (122F)	1.31	0.93
SI@60C (140F)	1.67	1.30
SI@70C (158F)	1.66	1.49
SI@80C (176F)	2.21	1.85
SI@90C (194F)	2.51	2.14
TDS (mg/l)	19310	19436
Temperature (F)		
Dissolved CO2 (ppm)	44	0
Dissolved H2S (ppm)	6	3
Dissolved O2 (ppm)	n/d	n/d



Analyst: T. Mayer

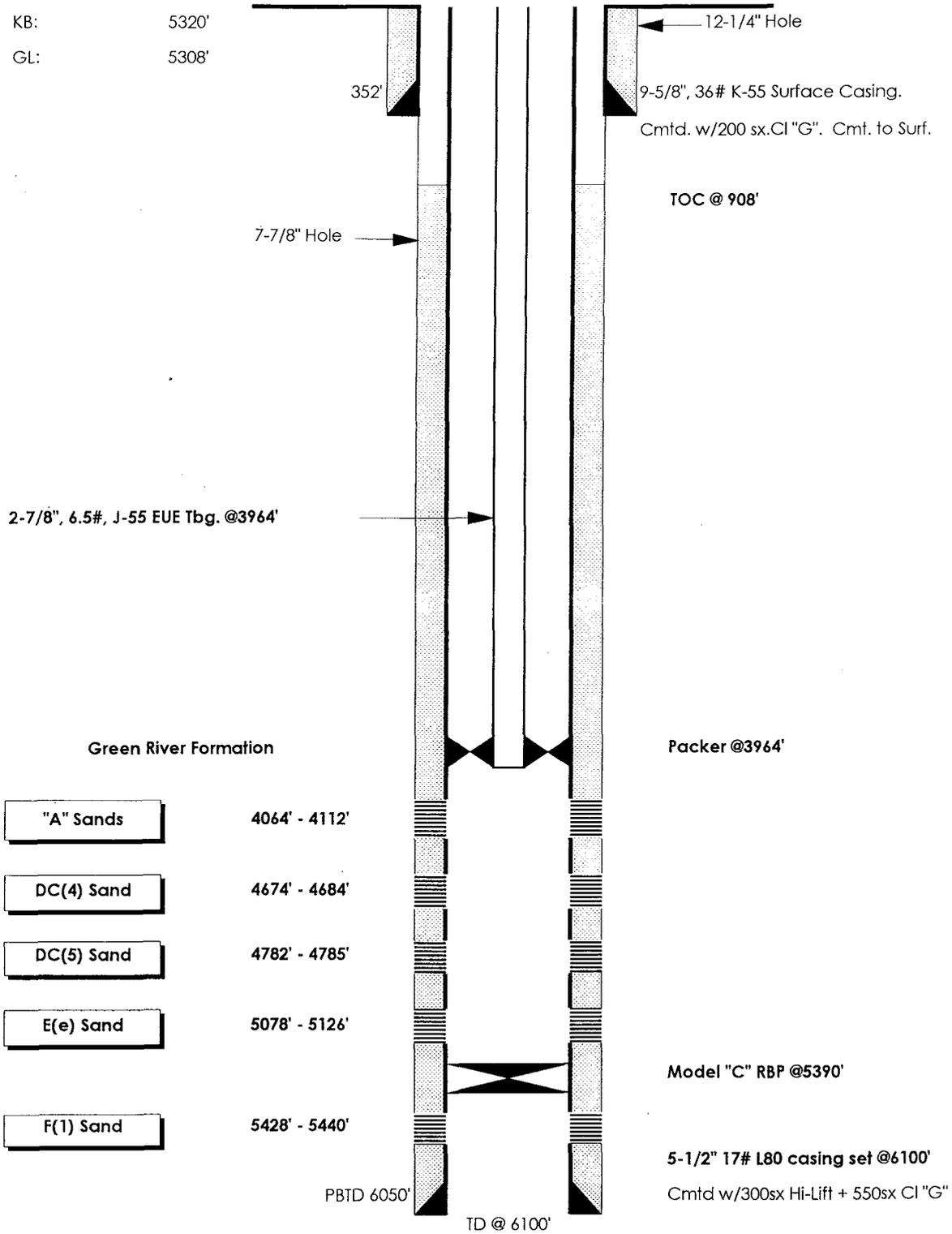
**FEDERAL 22-8H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 9/13/94  
 TD Date: 9/24/94  
 Compl. Date: 11/4/94

Sec 8-T9S-R17E  
 2027' FNL & 2018' FWL  
 SE/4 NW/4

**PROPOSED WIW**

KB: 5320'  
 GL: 5308'



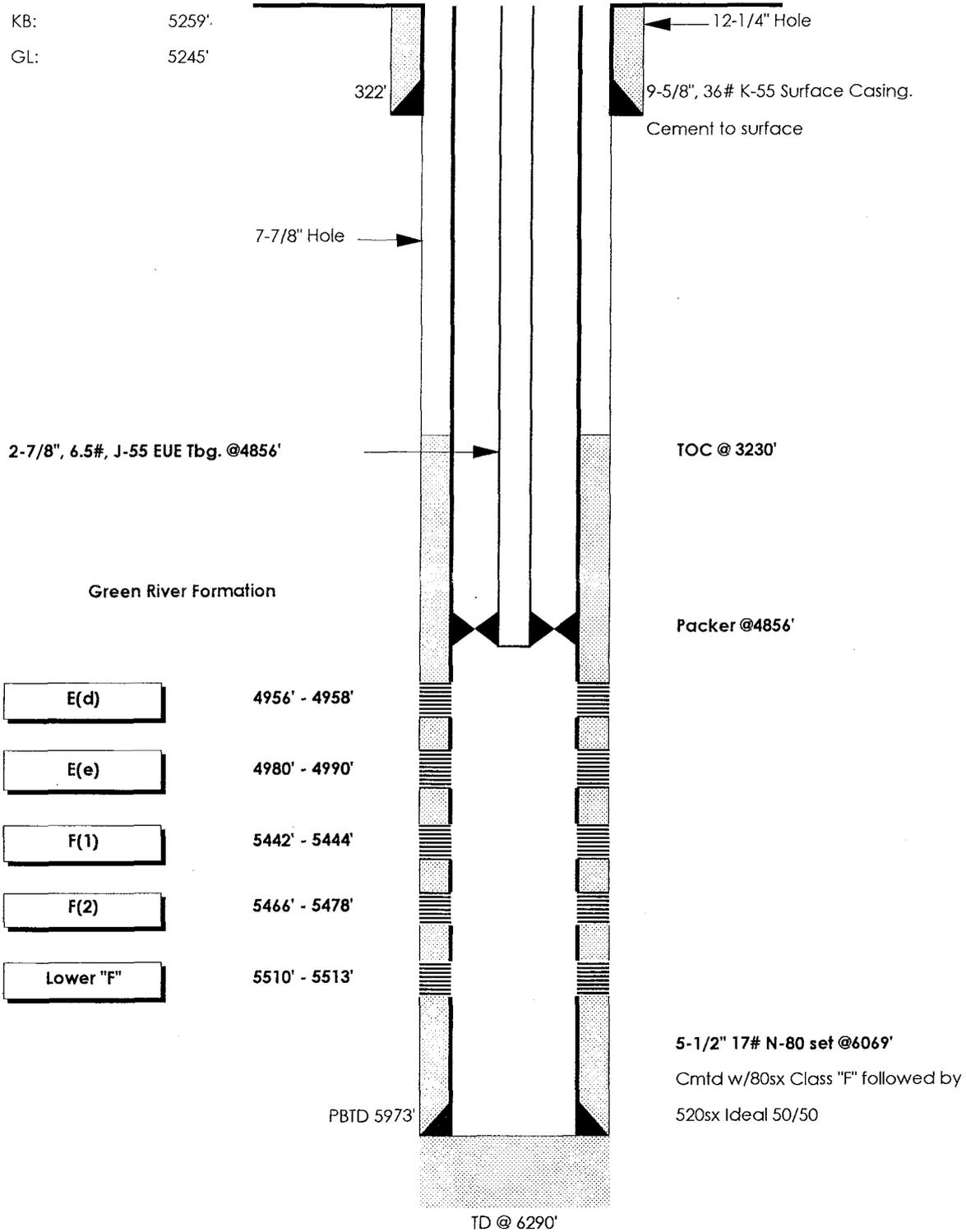
**FEDERAL 31-8H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 8/12/82  
 TD Date: 8/20/82  
 Compl. Date: 12/18/82

Sec 8-T9S-R17E  
 1025' FNL & 1662' FEL  
 NW/4 NE/4

**PROPOSED WIW**

KB: 5259'  
 GL: 5245'



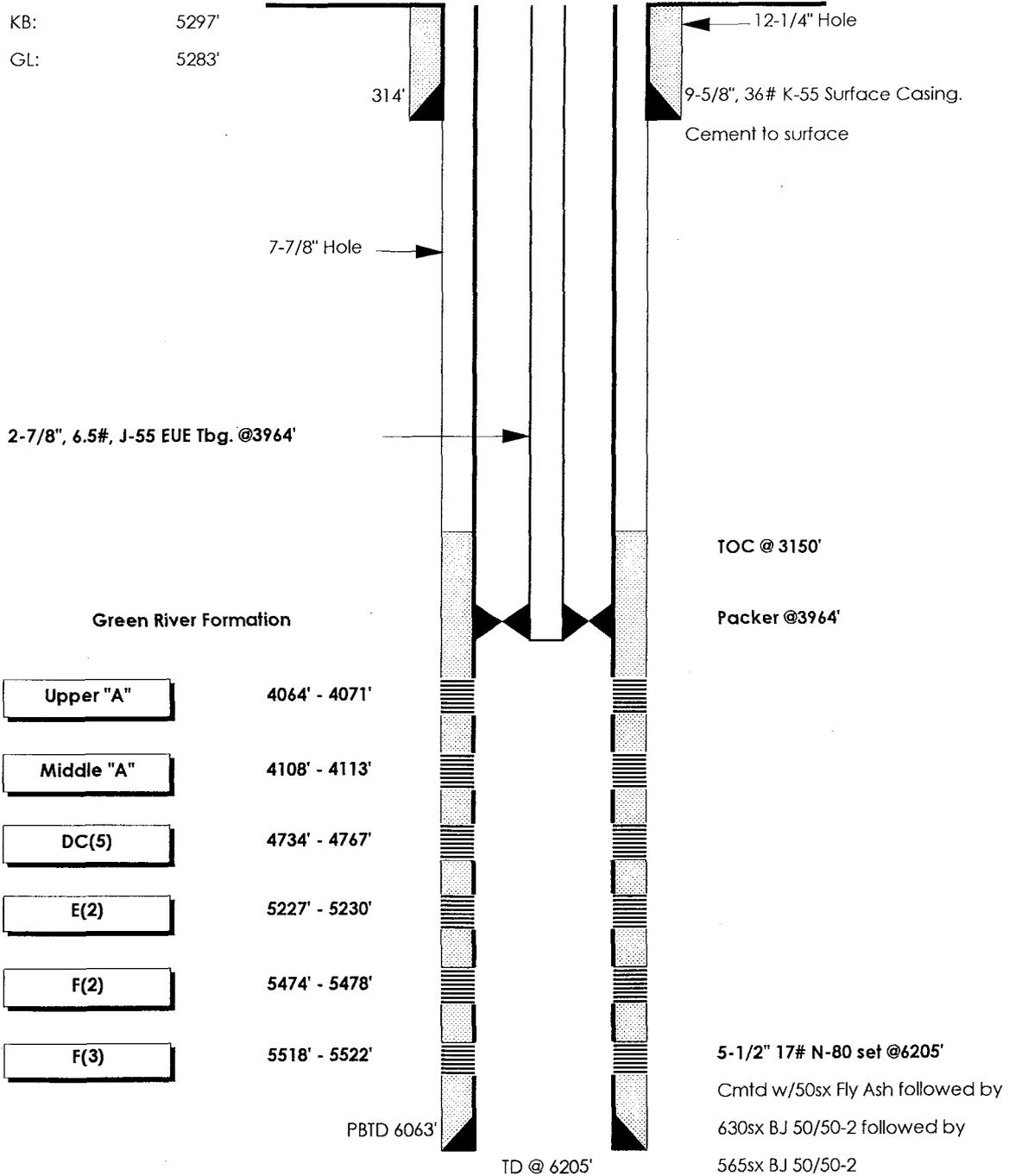
**FEDERAL 42-8H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 8/23/82  
 TD Date: 8/31/82  
 Compl. Date: 1/5/83

RE-ENTRY OR RE-DRILL  
**PROPOSED WIW**

Sec 8-T9S-R17E  
 1624' FNL & 506' FEL  
 SE/4 NE/4

KB: 5297'  
 GL: 5283'



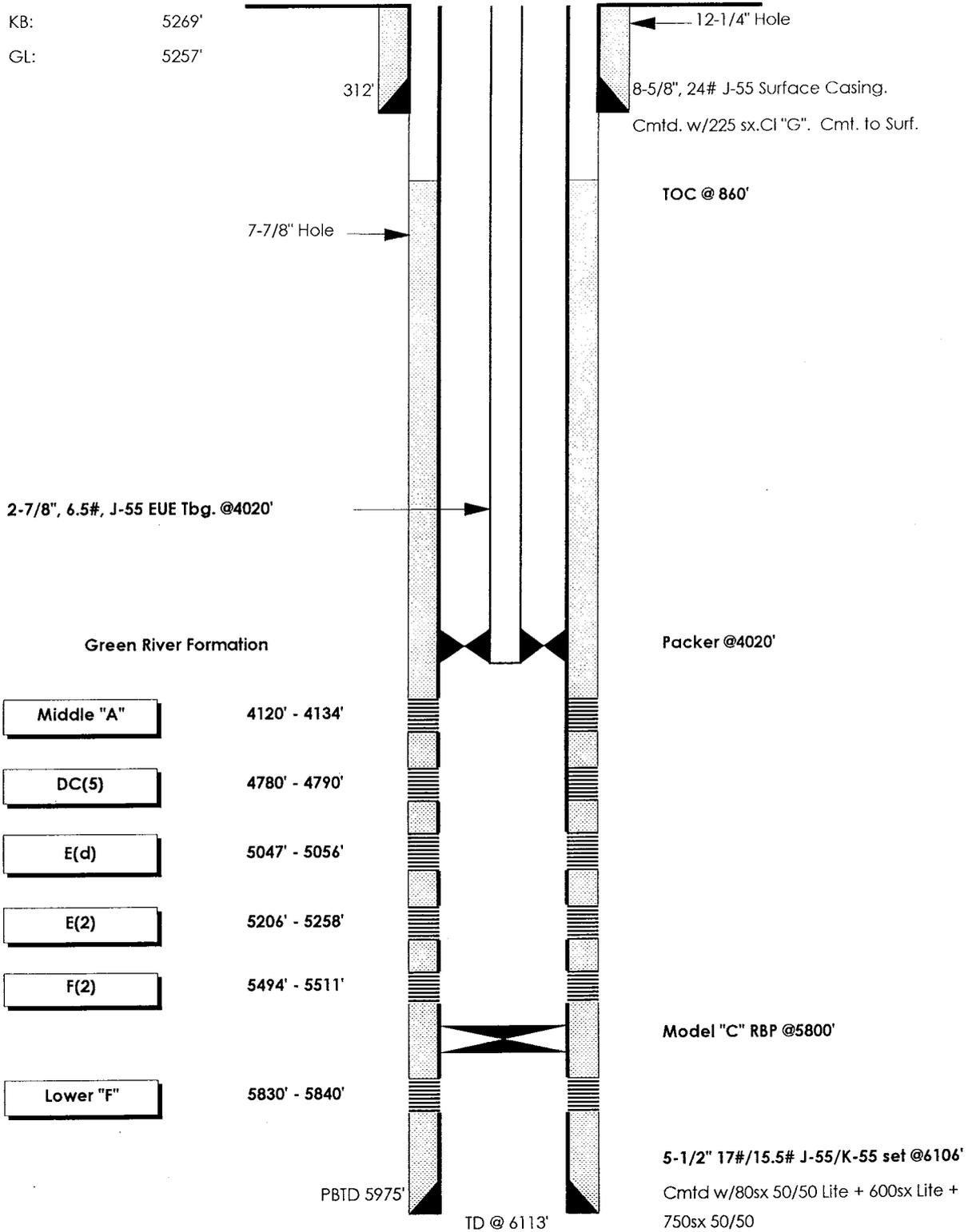
**FEDERAL 11-9H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 1/8/84  
 TD Date: 1/17/84  
 Compl. Date: 2/24/84

Sec 9-T9S-R17E  
 630' FNL & 600' FWL  
 NW/4 NW/4

**PROPOSED WIW**

KB: 5269'  
 GL: 5257'



# FEDERAL 13-9H

## PLEASANT VALLEY FIELD

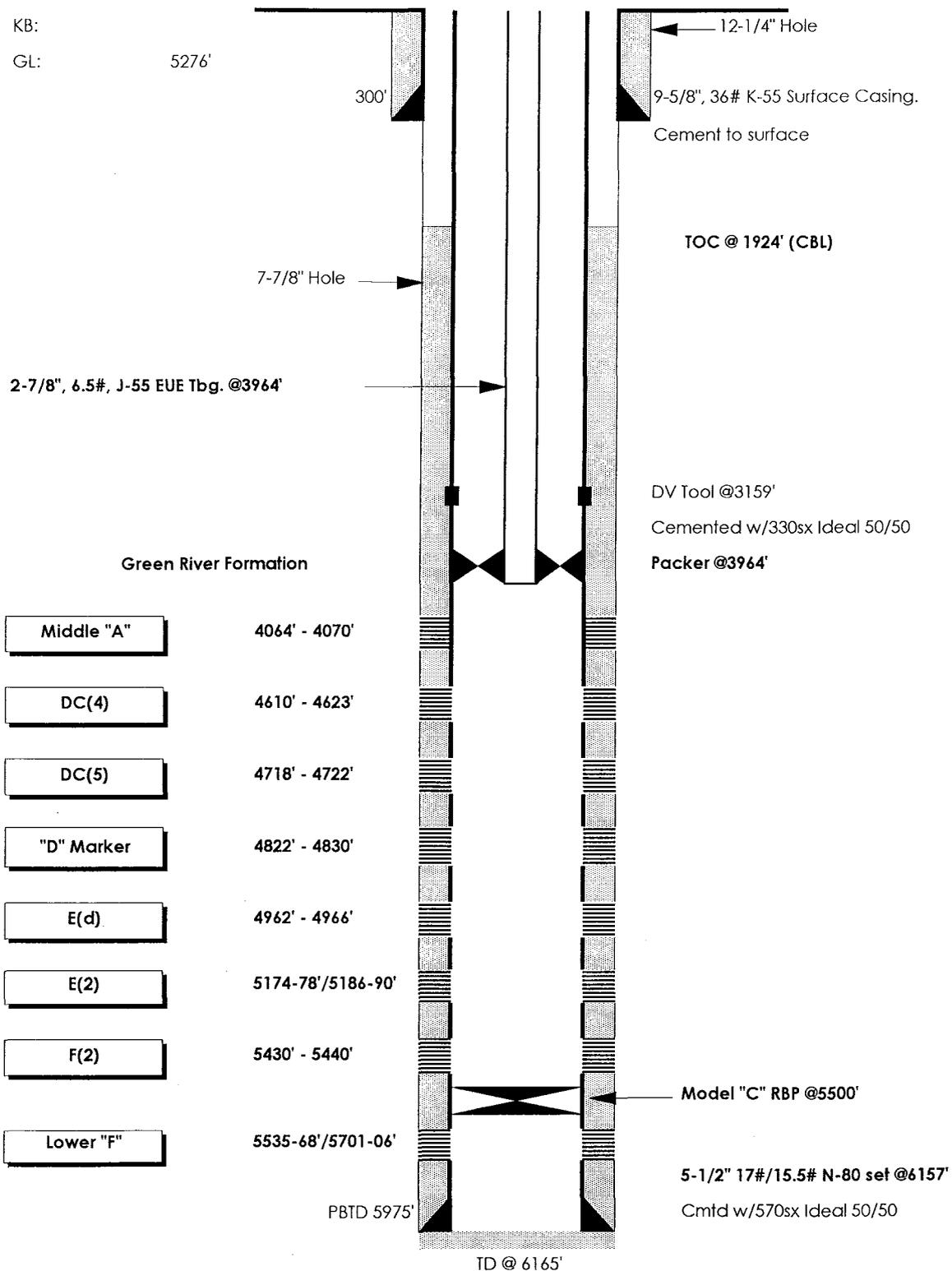
Duchesne County, Utah

Spud: 5/9/82  
 TD Date: 5/19/82  
 Compl. Date: 7/31/82

Sec 9-T9S-R17E  
 724' FEL & 1990' FSL  
 NW/4 SW/4

### PROPOSED WIW

KB:  
 GL: 5276'



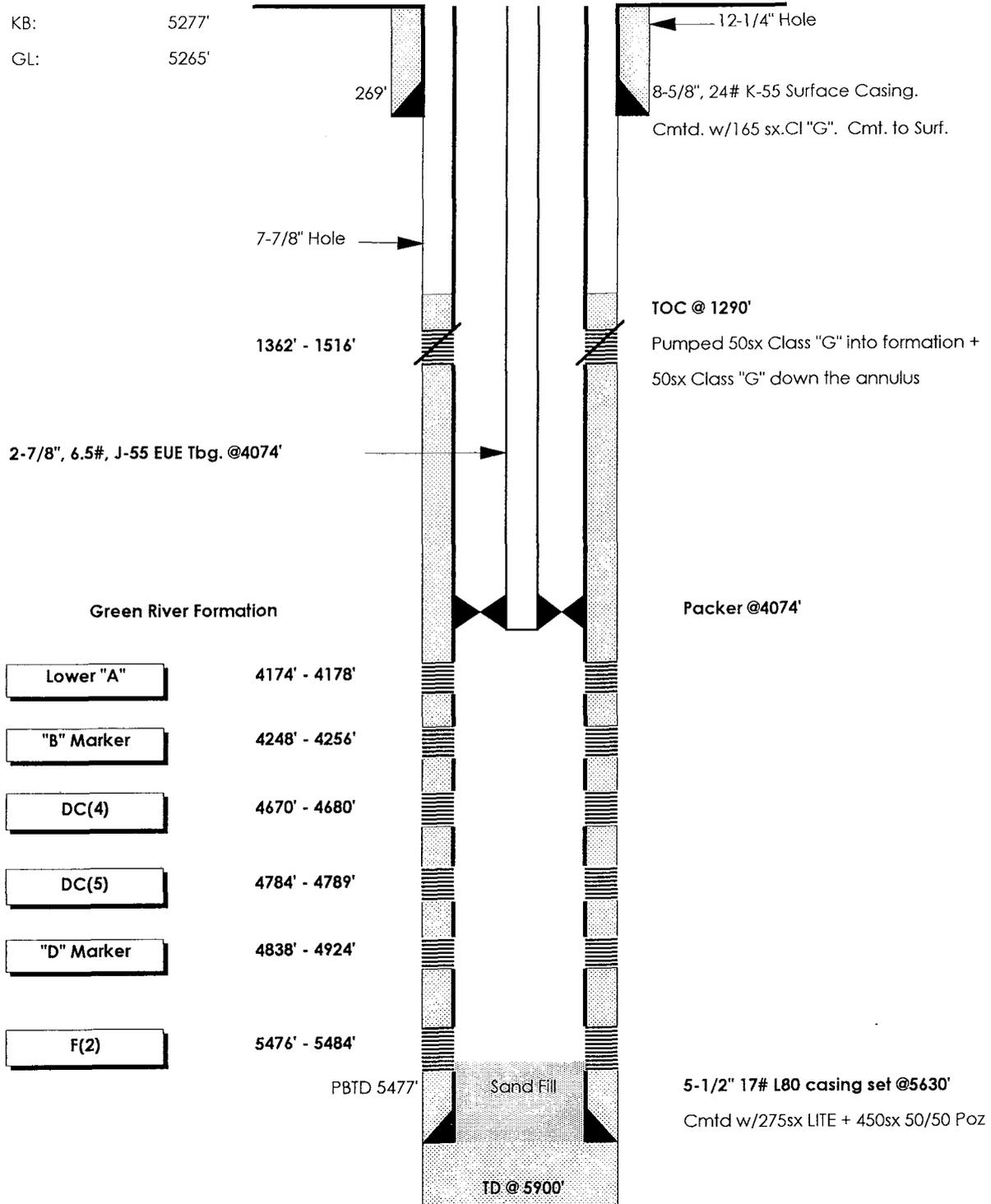
**FEDERAL 22-9H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 1/7/85  
 TD Date: 1/28/85  
 Compl. Date: 3/25/85

Sec 9-T9S-R17E  
 1980' FNL & 2007' FWL  
 SE/4 NW/4

**PROPOSED WIW**

KB: 5277'  
 GL: 5265'



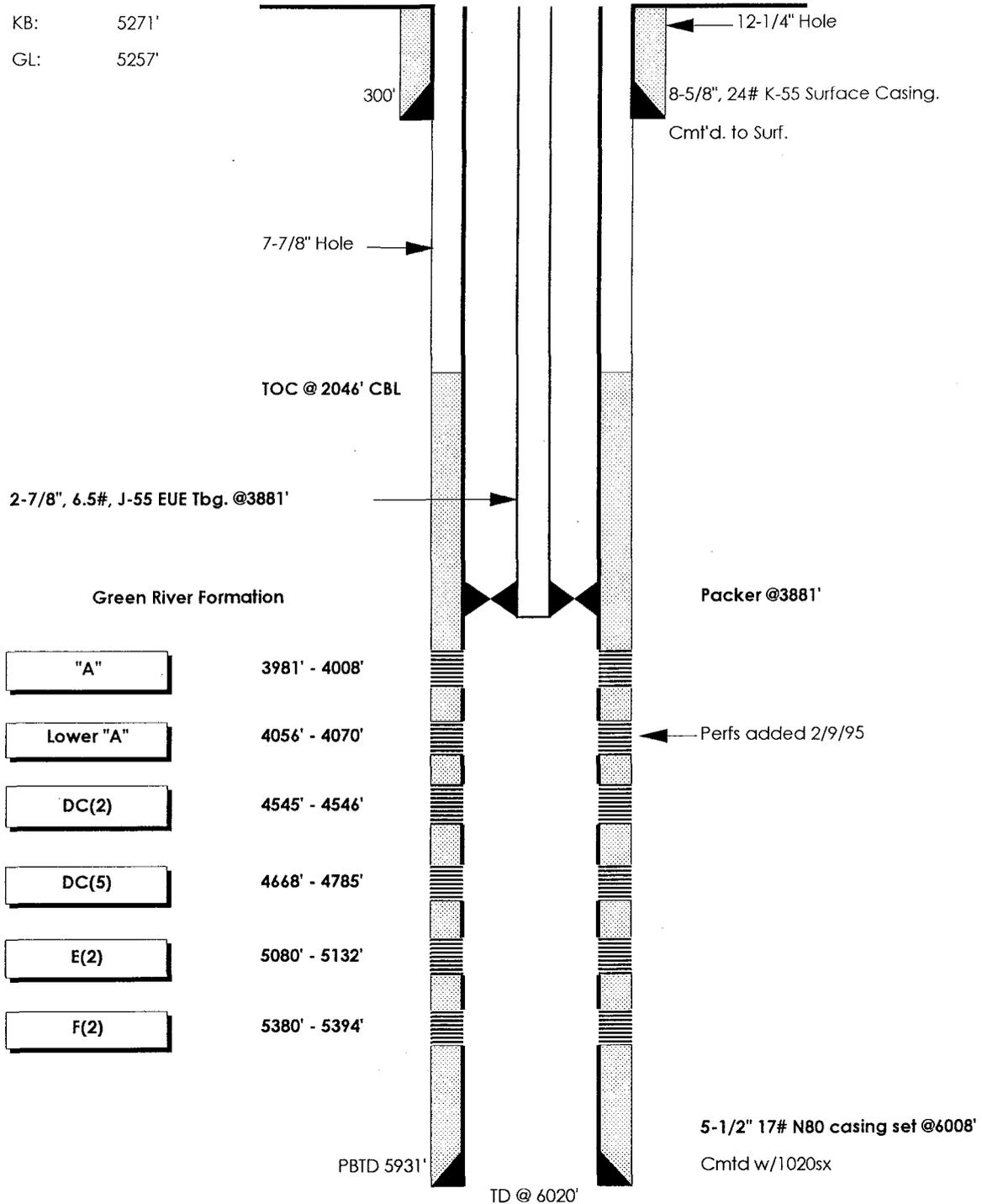
**FEDERAL 24-9H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 10/12/82  
 TD Date: 10/20/82  
 Compl. Date: 1/21/83

Sec 9-T9S-R17E  
 664' FSL & 1980' FWL  
 SE/4 WW/4

**PROPOSED WIW**

KB: 5271'  
 GL: 5257'



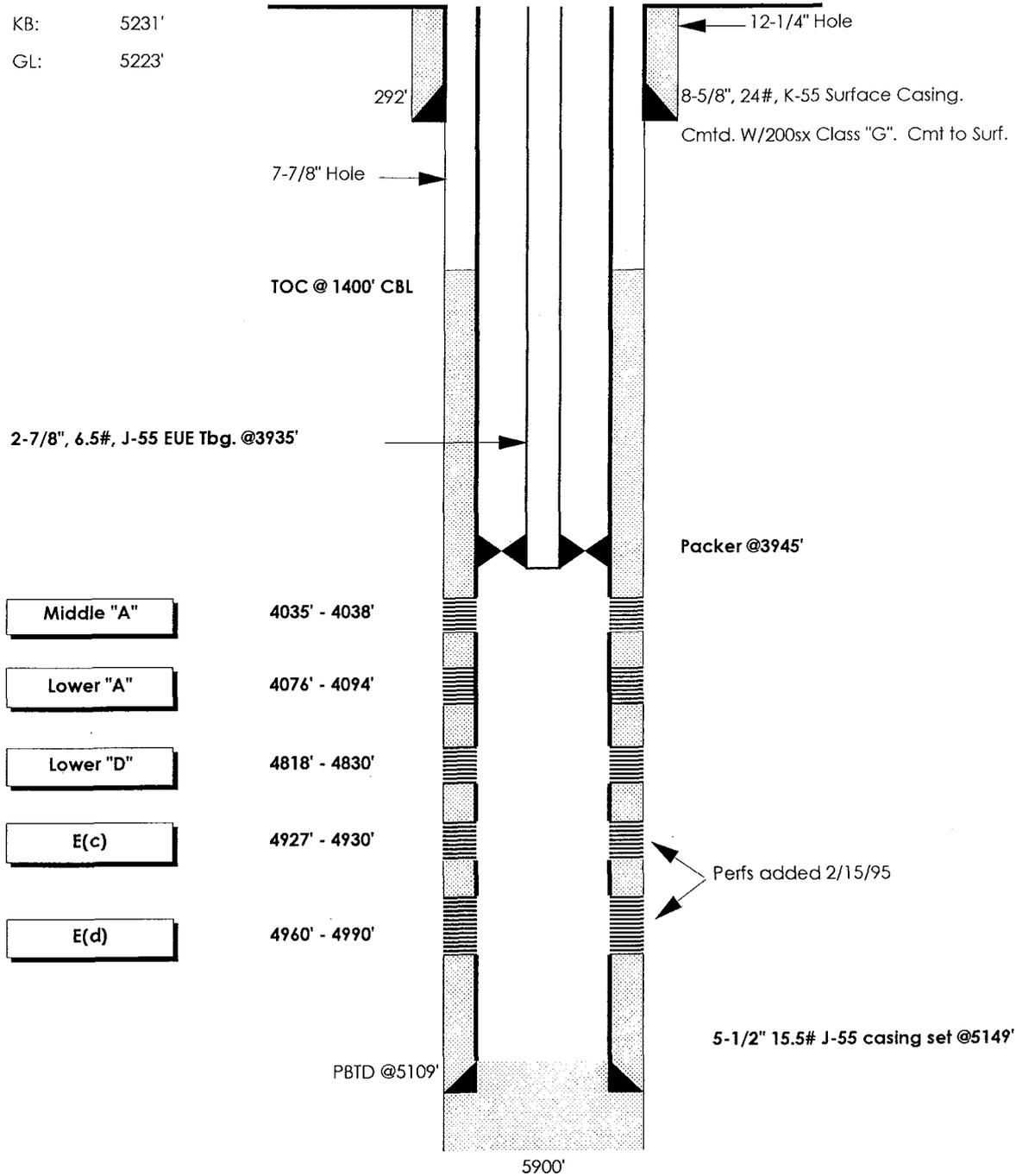
**FEDERAL 33-9H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 10/13/86  
 TD Date: 12/12/86  
 Compl. Date: 12/16/86

Sec 8-T9S-R17E  
 1980' FNL & 1980' FEL  
 SW/4 NE/4

**PROPOSED WIW**

KB: 5231'  
 GL: 5223'



# ALLEN FEDERAL 44-5

## PLEASANT VALLEY FIELD

Duchesne County, Utah

Spud: 5/16/84

TD Date: 5/28/94

Compl. Date:

Sec 5-T9S-R17E

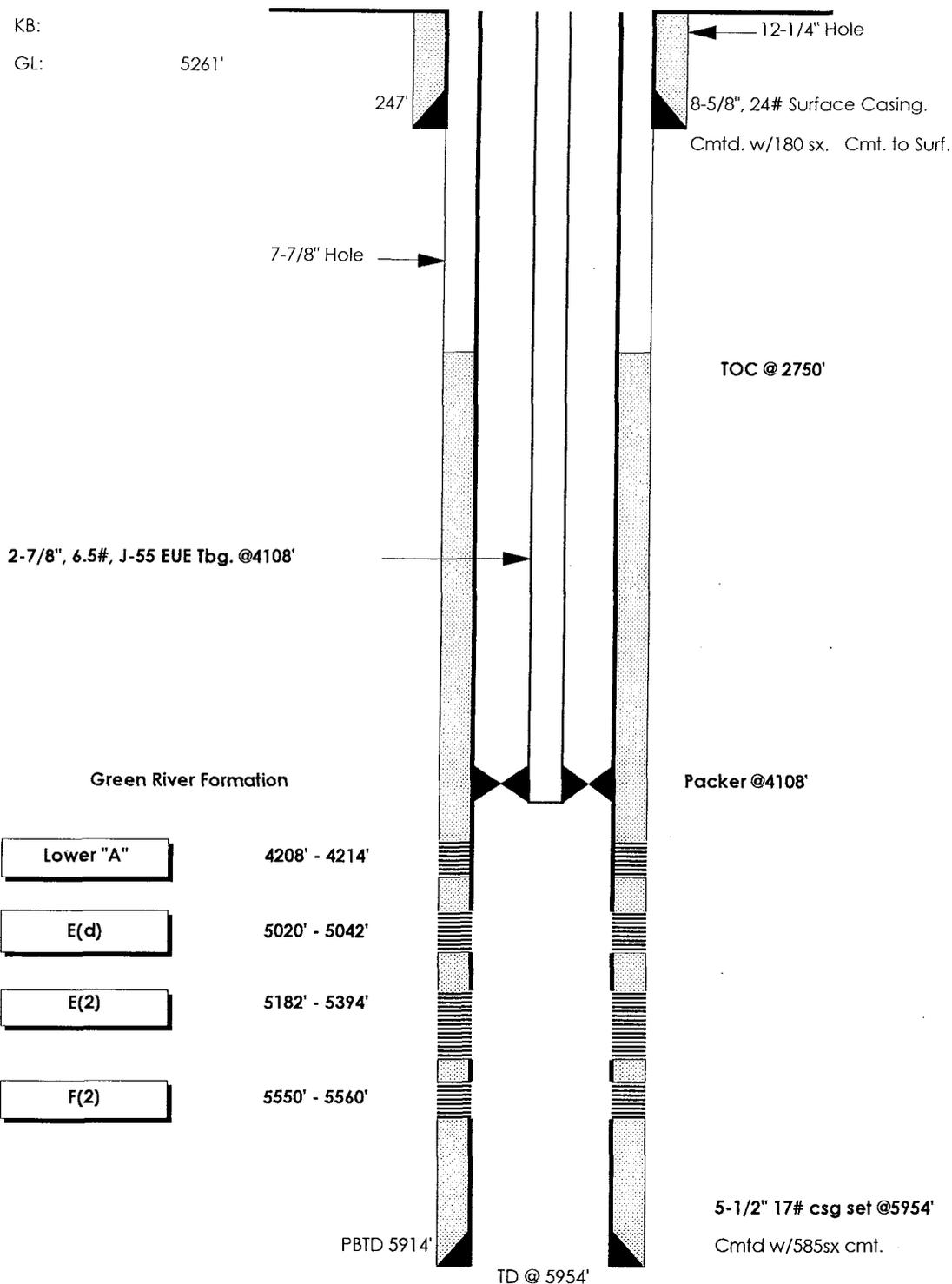
548' FSL & 718' FEL

SW/4 SE/4 SE/4

### PROPOSED WIW

KB:

GL: 5261'



BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF DALEN RESOURCES COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-160
FEDERAL 44-5, FEDERAL 22-8H,	:	
FEDERAL 31-8H, FEDERAL 42-8H,	:	
FEDERAL 11-9H, FEDERAL 13-9H,	:	
FEDERAL 22-9H, FEDERAL 24-9H &	:	
FEDERAL 33-9H WELLS LOCATED IN	:	
SECTIONS 5, 8 & 9, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS CLASS II INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

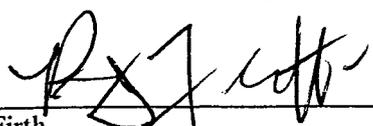
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Dalen Resources Company for administrative approval of the Federal 44-5, Federal 22-8H, Federal 31-8H, Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H, Federal 24-9H, and Federal 33-9H Wells, located in Sections 5, 8 & 9, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 3981 feet to 5560 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig. The estimated injection volume will be approximately 300 - 500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 5th day of July, 1995.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas

Dalen Resources Company  
Federal 44-5, Federal 22-8H, Federal 31-8H,  
Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H  
Federal 24-9H, Federal 33-9H Wells  
Cause No. UIC-160

Publication Notices were sent to the following:

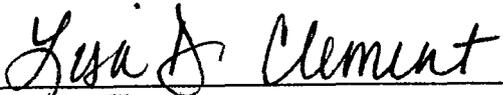
Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Dalen Resources Company  
6688 N. Central Expressway, #1000  
Dallas, Texas 75206-3922

Tom Pike  
U.S. Environmental Protection Agency  
Region VIII  
999 18th Street  
Denver, Colorado 80202-2466

  
\_\_\_\_\_  
Lisa D. Clement  
Administrative Secretary  
July 5, 1995



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 5, 1995

Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-160

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 5, 1995

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-160

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168



**H. AFFIDAVIT OF NOTIFICATION**

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on May 26, 1995:

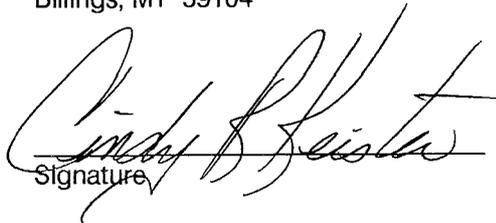
Federal 44-5	Federal 42-8H	Federal 22-9H
Federal 22-8H	Federal 11-9H	Federal 24-9H
Federal 31-8H	Federal 13-9H	Federal 33-9H

**OFFSET OPERATOR**

Equitable Resources Energy Co.  
Balcron Oil Division  
P. O. Box 21017  
Billings, MT 59104

**SURFACE OWNER**

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
Signature

Cindy R. Keister  
Name

(214) 706-3640  
Telephone

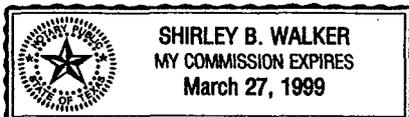
Supvr Regulatory Compliance, Northern Division  
Title

July 1, 1995  
Date

STATE OF TEXAS

COUNTY OF DALLAS

SUBSCRIBED in my presence and duly sworn to me this 19th day of June, 1995.



Shirley B. Walker  
Notary Public for the State of Texas

My Commission expires \_\_\_\_\_

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

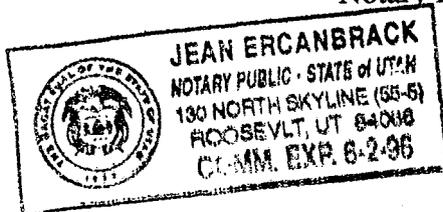
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 11 day of July, 1995, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of July, 1995.

Subscribed and sworn to before me this

28 day of July, 1995

Jean Ercanbrack

Notary Public



## NOTICE OF AGENCY ACTION

CAUSE NO. UIC 160  
IN THE MATTER OF  
THE APPLICATION OF  
DALEN RESOURCES  
COMPANY FOR AD-  
MINISTRATIVE AP-  
PROVAL OF THE FED-  
ERAL 44.5, FEDERAL  
22-8H, FEDERAL 31-8H,  
FEDERAL 42-8H, FED-  
ERAL 11-9H, FEDERAL  
13-9H, FEDERAL 22-9H,  
FEDERAL 24-9H & FED-  
ERAL 33-9H WELLS  
LOCATED IN SEC-  
TIONS 5, 8 & 9, TOW-  
NSHIP 9 SOUTH, RANGE  
17 EAST, S.L.M.,  
DUCHEсне COUNTY,  
UTAH, AS CLASS II IN-  
JECTION WELLS

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Dalen Resources Company for administrative approval of the Federal 44.5, Federal 22-8H, Federal 31-8H, Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H, Federal 24-9H & Federal 33-9H wells located in Sections 5, 8 & 9, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, as Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

approval has been requested to inject water for the purpose of water flooding in the interval from

3981 feet to 5560 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig. The estimated injection volume will be approximately 300-500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 5th day of July, 1995

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

R.J. Firth, Associate Director, Oil and Gas  
Published in the Uintah Basin Standard July 11, 1995

OFFICE COPY

# NOTICE OF HEARING

DOCKET NO. 95-007  
CAUSE NO. 234-1

IN THE MATTER OF THE REQUEST FOR AGENCY ACTION OF DALEN RESOURCES OIL & GAS COMPANY FOR AN ORDER ESTABLISHING A WATER FLOOD UNIT FOR THE SECONDARY RECOVERY OF OIL FROM THE GREEN RIVER FORMATION IN A PORTION OF SECTIONS 5, 8, AND 9 OF TOWNSHIP 9 SOUTH RANGE 17 EAST DUCHESNE COUNTY, UTAH.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Board of Oil, Gas and Mining ("Board"), State of Utah will conduct a hearing on Wednesday, July 26, 1995, at 10:00 a.m., or as soon thereafter as possible, in the Boardroom of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 520, Salt Lake City, Utah.

The hearing will be conducted in accordance with the Utah Code Ann. § 40-6-1 et seq.; Utah Code Ann. § 63-46b-1 et seq. (1953, as amended); and the Procedural Rules of the Board.

The purpose of the proceeding will be for the Board to receive and consider testimony and evidence regarding the establishment of a secondary recovery unit, the approval of a secondary recovery program by water flood utilizing enhanced recovery wells, and the unitization of the interest in oil and gas in the Green River formation within the proposed Pleasant Valley Unit area.

The proposed Pleasant Valley Unit area will consist of 880 acres in Duchesne County, Utah, described as follows:

Township 9 South, Range 17 East, SLM Section 4: SW 1/4 SW 1/4 Section 5: S 1/2 SE 1/4 Section 8: N 1/2 Section 9: W 1/2, SW 1/4 NE 1/4, W 1/2 SE 1/4

Petitioner request the Board to make its findings and issue its order:

1. Providing for and approving unitized management, operation, and development of the Green River formation in the proposed Pleasant Valley Unit area as a common source of supply.

2. Authorizing the proposed water flood project for the Green River formation in the proposed unit area.

3. Approving the proposed plan of unitization and proposed operating plan for the Pleasant Valley Unit.

4. Making such findings and orders in connection with this petition that are in the public interest, promotes conservation, increases ultimate recovery, prevents waste, and protects the correlative rights of all parties have an interest within the unit area and the surrounding area, and

5. Providing for such other and further action as deemed appropriate.

Natural persons may appear and represent themselves before the Board. All other representation by parties before the Board will be by attorneys licensed to practice law in the state of Utah, or attorneys licensed to practice law in another jurisdiction which meet the rules of the Utah State Bar for practicing law before the Utah Courts. Attorney representation may be waived by the Board upon petition and good cause shown.

Objections to this matter should be filed with the Secretary of the Board at the above address no later than the 10th day of the month, or two weeks before the scheduled hearing, whichever is earlier. Objections filed later than the 10th day may be considered by the Board at or before the regularly scheduled meeting, for good cause shown.

Persons interested in this matter may participate pursuant to the procedural rules of the Board. The Request, and any subsequent pleadings, may be inspected in the office of the undersigned.

Pursuant to the Americans with Disabilities Act, persons requiring auxiliary communicative aids and services to enable them to participate in this hearing should call Janice Brown at 538-5340, at least three working days prior to the date.

DATED this 11th day of July, 1995.

STATE OF UTAH  
BOARD OF OIL, GAS AND MINING, Dave D. Jurisik, Chairman

Janice L. Brown, Secretary of the Board, 355 West North Temple, Triad Center, Suite 520, Salt Lake City, Utah 84140-1203 (801) 538-5340

Published in the Utah Basin Standard, July 11, 1995

10/1/95

OFFICE COPY

# AFFIDAVIT OF PUBLICATION

County of Duchesne,

STATE OF UTAH

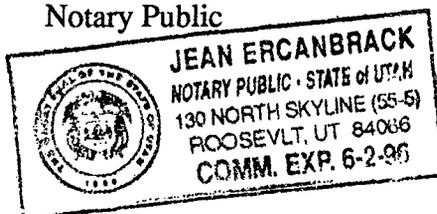
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 11 day of July, 1995, and that the last publication of such notice was in the issue of such newspaper dated the 11 day of July, 1995.

Subscribed and sworn to before me this

28 day of August, 1995

Jean Ercanbrack

Notary Public



143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX ID. # 87-0217663

Newspaper Agency Corporation  
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S  
COPY

PROOF OF PUBLICATION

RECEIVED  
 JUL 20 1995  
 DIV. OF OIL, GAS & MINING

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	07/10/95

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL768200501
SCHEDULE	
START 07/10/95 END 07/10/95	
CUST. REF. NO.	

**NOTICE OF AGENCY ACTION BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH CAUSE NO. UIC-160**

IN THE MATTER OF THE APPLICATION OF DALEN RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL 44-5, FEDERAL 22-8H, FEDERAL 31-8H, FEDERAL 42-8H, FEDERAL 44-9H, FEDERAL 13-9H, FEDERAL 22-9H, FEDERAL 24-9H AND FEDERAL 33-9H WELLS LOCATED IN SECTIONS 5, 8, AND 9, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Dalen Resources Company for administrative approval of the Federal 44-5, Federal 22-8H, Federal 31-8H, Federal 42-8H, Federal 44-9H, Federal 13-9H, Federal 22-9H, Federal 24-9H and Federal 33-9H Wells, location in Sections 5, 8, and 9, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 3981 feet to 5560 feet Green River formation. The average injection pressure is estimated to be 2000 psi. The estimated injection volume will be approximately 300-500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 5th day of July, 1995.

R. J. Firth  
Associate Director, Oil & Gas  
5820050

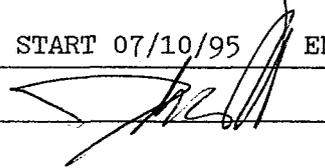
UIC-160	
CAPTION	
NOTICE OF AGENCY ACTION BEFORE	
SIZE	
24 LINES	2.00 COLUMN
CHARGES	RATE
	1.64
AD CHARGES	160.72
TOTAL COST	160.72

OFFICE COPY

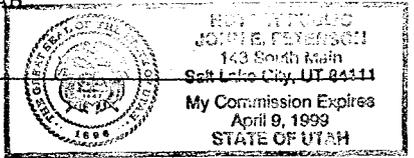
AFFIDAVIT OF PUBLICATION

NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF AGENCY ACTION BEFORE FOR DIVISION OF OIL, GAS AND MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 07/10/95 END 07/10/95

SIGNATURE 

DATE 07/10/95



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 1, 1995

Dalen Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206

Re: Federal 44-5, 22-8H, 31-8H, 42-8H, 11-9H, 13-9H, 22-9H, 24-9H and 33-9H Wells  
Located in Sections 5, 8, and 9, Township 9 South, Range 17 East, Duchesne  
County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

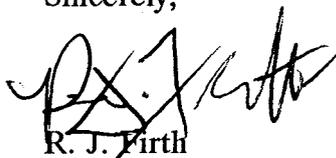
1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the applications submitted by Dalen Resources Company.
3. The Federal 44-5 well, Section 5, Township 9 South, Range 17 East, shall not be converted until a change of operator has been approved by the appropriate agencies.
4. Work shall not commence on the Federal 22-8H well, Section 8, Township 9 South, Range 17 East, prior to receiving approval from the appropriate agencies to reenter the well.



Page 2  
Dalen Resources Company  
August 1, 1995

If you have any questions regarding this approval or the necessary requirements,  
please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth". The signature is stylized and cursive, written over a faint rectangular stamp area.

R. J. Firth  
Associate Director

ldc  
cc: Tom Pike, Environmental Protection Agency  
Bureau of Land Management, Vernal  
WCNVRT



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

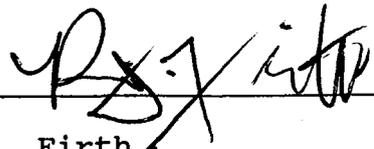
Cause No. UIC-160

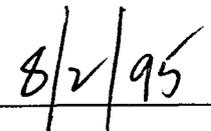
**Operator:** Dalen Resources Company  
**Wells:** Federal 31-8H, 42-8H, 11-9H, 13-9H, 22-9H, 24-9H,  
33-9H wells  
**Location:** Sections 8 and 9, Township 9 S, Range 17 E,  
Duchesne County  
**Well Type:** Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on August 2, 1995.
2. Maximum Allowable Injection Pressure: 1655 psig
3. Maximum Allowable Injection Rate: (limited by pressure)

Approved by:

  
R.J. Firth  
Associate Director, Oil and Gas

  
Date



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Federal 31-8H  
Field or Unit name: Pleasant Valley Unit API no. 43-013-30679  
Well location: QQ NE section 8 township 9S range 17E county Duchesne  
Effective Date of Transfer: 01/01/96

CURRENT OPERATOR

Transfer approved by:

Name Cindy R. Keister Company DALEN Resources Oil & Gas Co.  
Signature *Cindy R. Keister* Address 6688 N. Central Expwy., Suite  
Title Regulatory Compliance Specialist Dallas, TX 75206  
Date 01/18/96 Phone ( 214 ) 987-6353

Comments: DALEN Resources was merged into Enserch Exploration, Inc.

NEW OPERATOR

Transfer approved by:

Name Cindy R. Keister Company Enserch Exploration, Inc.  
Signature *Cindy R. Keister* Address 4849 Greenville Ave., Suite 1200  
Title Regulatory Compliance Specialist Dallas, TX 75206  
Date 01/18/96 Phone ( 214 ) 987-6353

Comments:

(State use only)

Transfer approved by *[Signature]* Title *Enserch Manager*

Approval Date 2-13-96

**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214/369-7893

January 11, 1996

Bureau of Land Management  
Utah State Office  
324 South State  
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

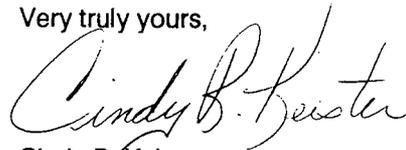
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS  
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
* Federal		11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne
* Federal		12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne
✓ * Federal		21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne
* Federal		31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne
* Federal		42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne
* Federal		21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne
* Federal		22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne
* Federal		23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne
* Federal		31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne
✓ * Federal		32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne
✓ * Federal		41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne
* Federal		43- 5G	U-034217-A	43-013-30858	NE SE	5	9S	16E	Duchesne
* Federal		13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne
✓ * Federal		14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne
* Federal		23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne
* Federal		24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne
* Federal		33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne
✓ * Federal		34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne
✓ * Federal		43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne
* Federal		44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne
* Federal		13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne
✓ * Federal		14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne
* Federal		23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne
** Federal		14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne
** Federal		34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne
** Federal		44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne
** Federal		12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne
** Federal		21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne
** Federal		22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne
** Federal		31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne
** Federal		32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne
** Federal		41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne
** Federal		42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne
Federal		24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne
** Federal		11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne
** Federal		12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne
** Federal		13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne
** Federal		14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne
Federal		32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINSTAH

30699  
W/W

30698

W/W

W/W

W/W

W/W

W/W

W/W

ORL

POW

**ENSERCH  
EXPLORATION** INC.

4849 Greenville Avenue, Suite 1200  
Dallas, Texas 75206-4186

January 18, 1996

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Mr. Dan Jarvis

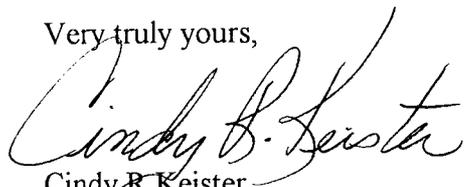
RE: Operator Changes - UIC Wells  
Pleasant Valley Unit  
Wells Draw Unit  
West Willow Creek Unit  
Duchesne & Uintah Counties, Utah

Gentlemen:

Attached is an original and one (1) copy of UIC Form 5 "Transfer of Authority to Inject" changing the operator from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. for the water and gas injection wells in the referenced units. Also attached is a copy of the Certificate of Merger from the Secretary of the State of Texas certifying the Articles of Merger.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Central File  
Regulatory File

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

(MERGER)

Routing:	
1-LEC /	<i>[initials]</i>
2-DPS/ST-FILE	<i>[initials]</i>
3-VLD/8-FILE	<i>[initials]</i>
4-RJF	<i>[initials]</i>
5-LEC	<i>[initials]</i>
6-SJ	<i>[initials]</i>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL &amp; GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
phone (214)	<u>987-6353</u>	phone (214)	<u>987-6353</u>
account no.	<u>N4940 (1-29-96)</u>	account no.	<u>N3300</u>

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: <u>43-013-30679</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- Sec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- Sec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #171513. *(ref. 1-4-95)*
- Sec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- Sec* 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- Sec* 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- Sec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- Sec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Yes* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (~~Fee wells only~~)** *Trust lands / Bond & Lease update in progress!*

- Yes* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *DL 2/13/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

**FILMING**

*VDL* 1. All attachments to this form have been microfilmed. Date: March 13 1996.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

*960212 Blm/SL Aprv. eff. 12-31-95.*

United States Department of the Interior  
BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:  
3100  
U-01470A et al  
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas  
4849 Greenville Ave., Suite 1200 : U-01470A et al  
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,  
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-920)  
Irene Anderson (UT-923)

## Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)  
West Willow Creek Unit (UTU-73218X)  
Pleasant Valley Unit (UTU-74477X)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

1025' FNL & 1662' FEL NW/4 NE/4 Sec. 8, T9S-R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 31-8H

9. API Well No.

43-013-30679

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

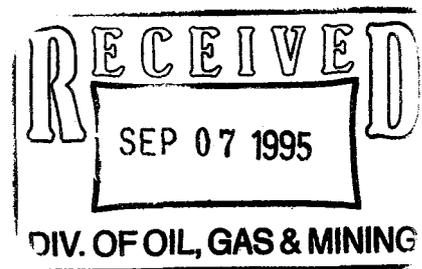
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DALEN Resources requests approval to convert the Federal 31-8H to water injection as shown on the attached procedure and wellbore diagram.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-22-95  
BY: [Signature]



14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Regulatory Compliance Specialist

Date

08/25/1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM

**FEDERAL NO. 31-8H  
PLEASANT VALLEY FIELD  
SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**INJECTOR CONVERSION PROCEDURE**

**PURPOSE:** Convert to an injector for the Green River formation waterflood.

**DISCUSSION:** All tubing and rods shall be pulled. A casing scraper shall be run to the packer setting depth. The well shall be tubed up with 2 3/8" internally coated tubing and placed on injection.

**PROCEDURE:**

1. MIRU. NU BOP. POOH laying down rods; stand all tubing.
2. RIH w/ 4-3/4" rock bit, casing scraper (Bowen type), and tbg to PBTD. POOH, laying down 2-7/8" tbg.
3. PU injection packer, on/off tool, and 2-3/8" injection tubing. RIH; set packer at 4900'. Release on/off tool; circulate packer fluid down casing. Latch on to packer and hang off tubing w/ 5 pts tension. Test casing to 1000 psi for 30 min (notify the DOGM and EPA minimum of 24 hours prior to testing).
4. Hook up wellhead for injection.

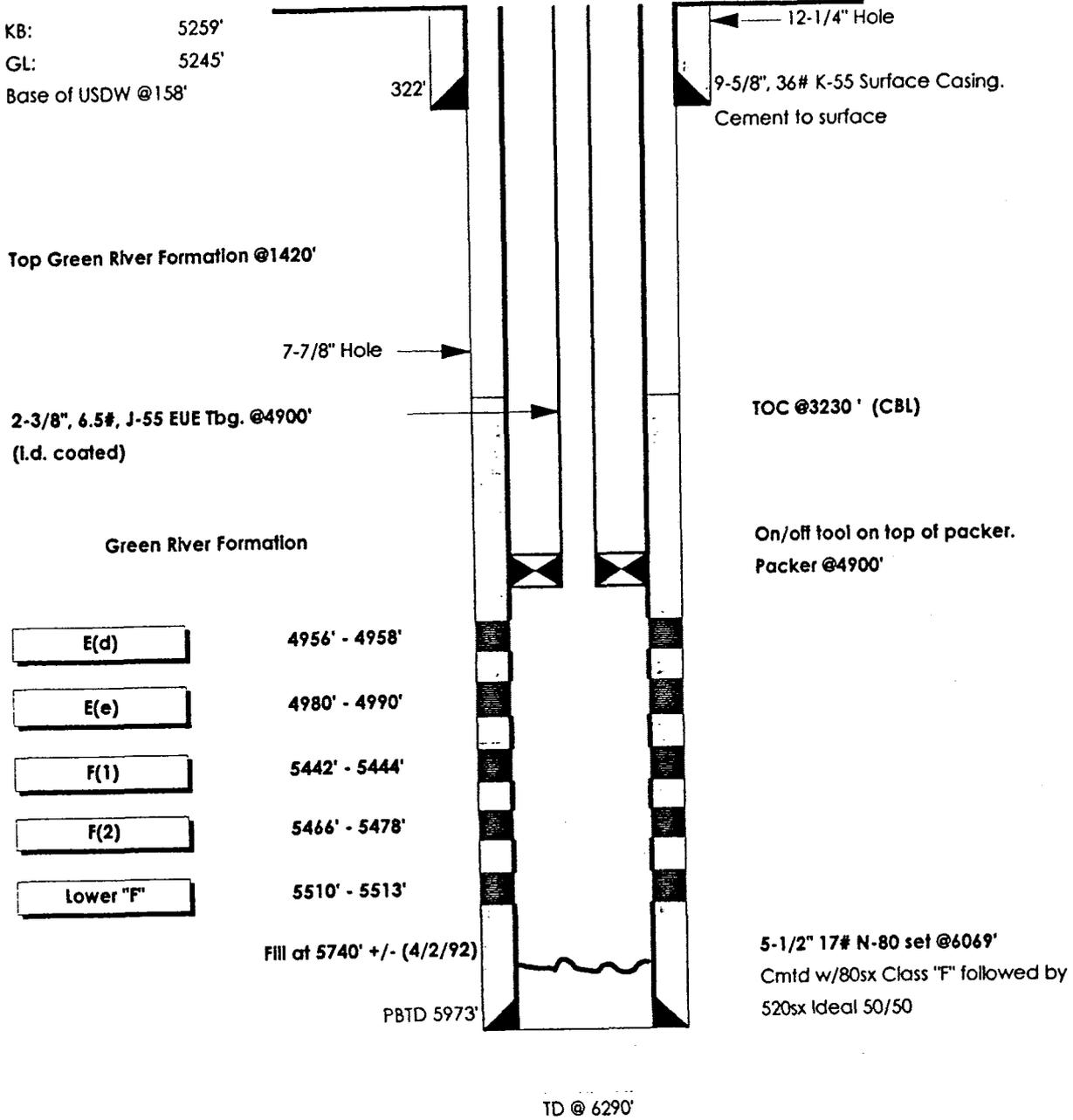
**FEDERAL 31-8H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 8/12/82  
 TD Date: 8/20/82  
 Compl. Date: 12/18/82

Sec 8-T9S-R17E  
 1025' FNL & 1662' FEL  
 NW/4 NE/4

**PROPOSED WIW**

KB: 5259'  
 GL: 5245'  
 Base of USDW @158'



DALEN Resources  
Oil & Gas Co.



January 15, 1996

Mr. Dan Jarvis  
State of Utah Dept. of Natural Resources  
Division of Oil, Gas & Mining  
355 West Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84186

RE: Pleasant Valley Waterflood Project  
Duchesne County, Utah  
Initial MIT Tests  
Nine Unit Injection Wells

Dear Mr. Jarvis:

Attached is an original and two copies of Form 9 "Sundry Notices and Reports on Wells" for each water injection well in the referenced unit.

If you have any questions or need further information, please contact the undersigned at (214) 987-6353.

Very truly yours,

A handwritten signature in cursive script that reads "Cindy R. Keister".

Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: BLM - Vernal

DALEN Resources  
Oil & Gas Co.



February 15, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Pleasant Valley Unit  
WIW Conversions  
Sections 5, 8 & 9, T9S-R19E  
Duchesne County, Utah

Gentlemen:

Attached is an original and two (2) copies of Form 3160-4 "Well Completion or Recompletion Report and Log" and a wellbore diagram reflecting the re-entry of the Federal 42-8H and the conversion to water injection of the other eight (8) wells.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,

A handwritten signature in cursive script that reads "Cindy R. Keister".

Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

12-2-1995

6. Lease Designation and Serial Number BLM U-10760
7. Indian Allottee or Tribe Name NA
8. Unit or Communization Agreement Pleasant Valley Unit
9. Well Name and Number Federal 31-8H
10. API Well Number 43-013-30679
11. Field and Pool, or Wildcat Monument Butte Field

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells  
Use APPLICATION FOR PERMIT--for such proposals.

1. Type of Well  
 Oil Well     Gas Well     Other (Specify) WIW

2. Name of Operator  
**DALEN Resources Oil & Gas Co.**

3. Address of Operator  
 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Telephone Number  
 (214) 692-4537

5. Location of Well  
 Footage : 1025' FNL & 1662' FEL  
 County : Duchesne  
 QQ, Sec, T., R., M. : NW/4 NE/4 Sec. 8, T9S-R17E  
 State : UTAH

**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Test Casing</u>	

Date of Work Completion 11/18/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

**13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)**

As required by Utah Oil & Gas Conservation Rule R615-5-5, the casing on the Federal 31-8H was tested to 1000 psi for 30 minutes on 11/28/95 as shown on the attached report.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cindy B. Keister Title Regulatory Compliance Specialist Date 12/15/1995

(State Use Only) CC: BLM - Vernal, Ut

Pleasant Valley Unit  
Fed. 31-8-H - DALEN Resources Oil & Gas Co. - Duchesne County, Utah

---

Date of Report      Progress Since that Last Reported and Status as of 8:00 a.m. Today

11-27-95      INITIAL REPORT  
API #4301330679  
Purpose - Convert to water injection well  
EEI WI - 79.26%  
Moved in and rigged up, pulled out of hole with rods and pump.  
Nippled down wellhead, nipped up BOPs. Ran tubing and tagged fill  
at 5,730 feet. Pulled tubing and shut-in for night.

11-28-95      Finished out of hole with production tubing. Ran bit and scraper to  
plugged-back TD at 5,730 feet. Picked up and began running  
production string.

11-29-95      Finished in hole with 2-3/8" injection tubing, set packer at 4,892  
feet. Released on/off tool and filled casing with treated 3% KCL  
water. Latched onto on/off tool, pressured casing to 1,000 psi for  
30 min. Held OK. Released rig. FINAL REPORT.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Pleasant Valley Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

31-8H

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 8, T9S-R17E

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other WIW

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  Other \_\_\_\_\_

2. NAME OF OPERATOR  
DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR  
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*  
At surface 1025' FNL & 1662' FEL NW/4 NE/4 Section 8:  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 43-013-30679 DATE ISSUED \_\_\_\_\_  
12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 08/12/82 16. DATE T.D. REACHED 08/20/82 17. DATE COMPL. (Ready to prod.) 11/28/95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5259' RKB 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 6290' 21. PLUG, BACK T.D., MD & TVD 5730' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_  
23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS XX CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
4956' - 5513' Green River  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL-SP, FDC/CNL-CAL, Prox-Micro Log, Cyberlook  
27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	322'	12-1/4"	Cement to surface.	0
5-1/2"	17#	6069'	7-7/8"	80sx Class "F" + 520sx Ideal	0
				50/50	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4900'	4892'

31. PERFORATION RECORD (Interval, size and number)

4956-58'	5466-78'
4980-90'	5510-13'
5442-44'	

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4956' - 5513'	3% KCl water

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL--BBL. \_\_\_\_\_ GAS--MCF. \_\_\_\_\_ WATER--BBL. \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cindy B. Keister TITLE Regulatory Compliance Specialist DATE 02/01/1996

\*(See Instructions and Spaces For Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

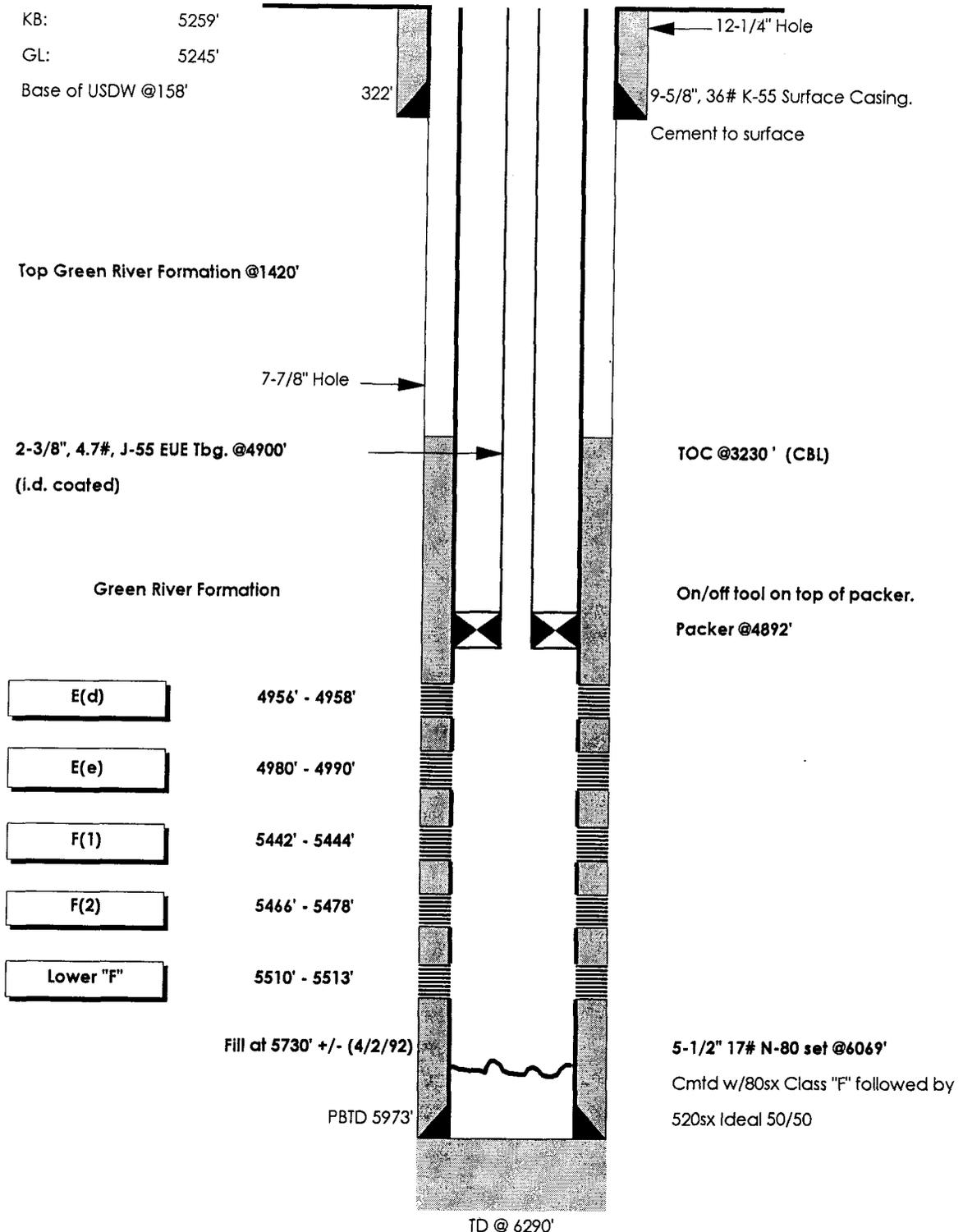
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River		1441'
				Oil Shale Facies		2134'
				Delta Facies		3143'
				Green Shale Facies		4170'
				Black Shale Facies		5370'
				Green Rver Lime		5840'
				Wasatch		6010'

**FEDERAL 31-8H**  
**PLEASANT VALLEY UNIT**  
**MONUMENT BUTTE FIELD**  
 Duchesne County, Utah

Spud: 8/12/82  
 TD Date: 8/20/82  
 Compl. Date: 12/18/82  
 Conversion Dt: 11/28/95  
 KB: 5259'  
 GL: 5245'  
 Base of USDW @158'

Sec 8-T9S-R17E  
 1025' FNL & 1662' FEL  
 NW/4 NE/4

**WIW**





# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION  
a Delaware no permit corporation  
with  
ENSERCH EXPLORATION, INC.  
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



  
\_\_\_\_\_  
Antonio O. Garza, Jr.  
Secretary of State

**ARTICLES OF MERGER OF****DALEN Corporation****INTO****Enserch Exploration, Inc.**

FILED  
In the Office of the  
Secretary of State of Texas

DEC 19 1995

Corporations Section

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton  
 Name: J. W. Pinkerton  
 Title: Vice President and Controller,  
 Chief Accounting Officer



# The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE (No Permit)** corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.

*IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.*



  
\_\_\_\_\_  
Antonio O. Garza, Jr.  
Secretary of State

MAC

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
COASTAL OIL	43-013-30337	G. HANSON #2	02S	03W	4	INJD	Y
COASTAL OIL	43-013-30038	2-23B4 LAKE	02S	04W	23	INJD	Y
COASTAL OIL	43-013-30371	L RUSSELL 2-	02S	04W	32	INJD	Y
COASTAL OIL	43-013-30391	EHRICH 2-11B	02S	05W	11	INJD	Y
COASTAL OIL	43-013-30340	LDS CHURCH #	02S	05W	27	INJD	Y
COASTAL OIL	43-047-31996	NBU 159	09S	21E	35	INJD	Y
COCHRANE RES	43-037-30815	3-23	38S	25E	23	INJW	N
COCHRANE RES	43-037-30690	1-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31145	4-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31761	WDW 1	38S	25E	25	INJD	N
COCHRANE RES	43-037-30762	3-26	38S	25E	26	INJW	N
CROSS CREEK	43-037-16269	SOUTH ISMAY	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
✓ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
✓ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
✓ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
✓ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
✓ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
✓ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
✓ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
✓ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
✓ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
✓ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
✓ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
✓ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
✓ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
✓ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
✓ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
✓ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N

*u-49092*  
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*u-47171*  
*u-30096*  
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*u-620252*  
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*u-50750*  
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*u-50750*  
*u-50750*  
*u-37810*

Entry #'s  
*02044*  
*06080*  
*11675*  
*06075*  
*10065*  
*06058*  
*10674*  
*06175*  
*06185*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

1025' FNL & 1662' FEL NW/4 NE/4 Sec. 8, T9S-R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 31-8H

9. API Well No.

43-013-30679

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

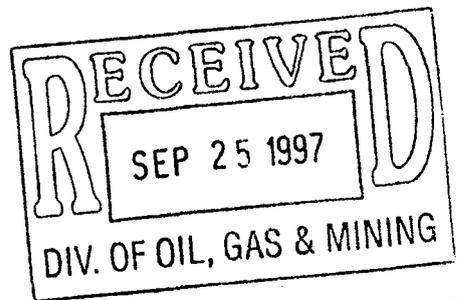
- Notice of Intent
- Subsequent Report
- Final Abandonment

TYPE OF ACTION

- Abandonment
  - Recompletion
  - Plugging Back
  - Casing Repair
  - Altering Casing
  - Other Change of Operator
  - Change of Plans
  - New Construction
  - Non-Routine Fracturing
  - Water Shut-Off
  - Conversion to Injection
  - Dispose Water
- (Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. --

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1025' FNL & 1662' FEL NW/4 NE/4 Sec. 8, T9S-R17E

5. Lease Designation and Serial No.  
U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 31-8H

9. API Well No.

43-013-30679

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

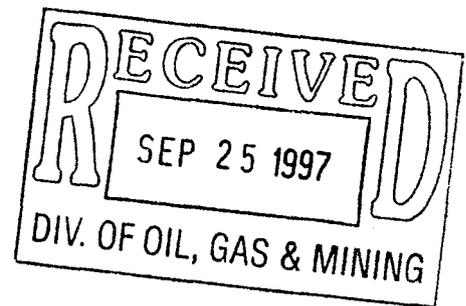
- Notice of Intent
- Subsequent Report
- Final Abandonment

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water  
(Note Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Enserch Exploration Inc. has sold its interest in the PVU #31-8H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

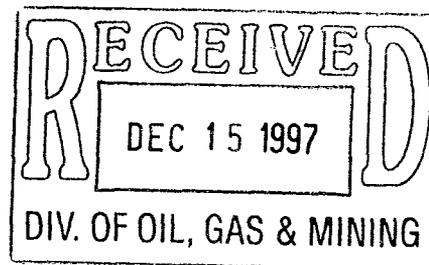
(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

December 11, 1997



Bureau of Land Management  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

RE: Transfer of Authority to Inject (State of Utah, UTC Form 5)

Gentlemen:

Enclosed in triplicate are the Transfer of Authority to Inject from Enserch Exploration, Inc. unto Inland Production Company.

Upon approval of said Transfer, please return to this office two approved copies of the Transfer, in the enclosed stamped, self-addressed envelope.

If further information is required, please do not hesitate to contact me at the number listed below. Thank you for your assistance in this matter.

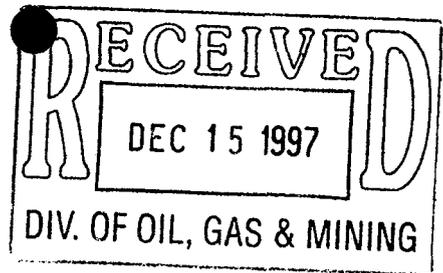
Sincerely,

INLAND PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Patsy Barreau". The signature is written in dark ink and is positioned above the typed name and title.

Patsy Barreau  
Lease Analyst

/pb  
encls.



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached \*PLEASANT VALLEY (GREEN RIVER) UNIT  
Field or Unit name: See Attached API no. See Attached  
Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_  
Effective Date of Transfer: See Attached

**CURRENT OPERATOR**  
Transfer approved by:  
Name DAVID R. HENDERSON Company Enserch Exploration, Inc.  
Signature *David R. Henderson* Address 4849 Greenville Ave., 1200  
Title Executive Vice President and Dallas, Texas 75206-4186  
Chief Operating Officer  
Date 11/13/97 off 3/31/97 Phone ( 214 ) 369-7893  
Comments:

**NEW OPERATOR**  
Transfer approved by:  
Name CHRIS A. POTTER Company Inland Production Company  
Signature *Chris Potter* Address 475 17th Street, Suite 1500  
Title Attorney-in-Fact Denver, Colorado 80202  
Date 11/24/97 Phone ( 303 ) 292-0900  
Comments:

(State use only)  
Transfer approved by *[Signature]* Title Field Manager  
Approval Date 1-26-98 Case # 234-1

Injection Wells Formerly Operated by EEX

<u>LEASE</u>	<u>TWP</u>	<u>RGE</u>	<u>SEC</u>	<u>QTR</u>	<u>QTR</u>	<u>COUNTY</u>	<u>STATE</u>	<u>FIELD</u>	<u>API</u>	<u>LEASENUM</u>
ALLEN FED #44-5	09S	17E	5	SE/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330913	U-020252
FED #11-9H	09S	17E	9	NW/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330887	U-50750
FED #22-8H	09S	17E	8	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331457	U-10760
FED #33-9H	09S	17E	9	NW/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331108	U-61052
FED NGC #22-9H	09S	17E	9	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331049	U-50750
PLSNT VLY #31-8H	09S	17E	8	NW/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330679	U-10760
PLSNT VLY #42-8H	09S	17E	8	SE/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330678	U-10760
PLSNT VLY FD #13-9H	09S	17E	9	NW/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330656	U-37810
PLSNT VLY FD #24-9H	09S	17E	9	SE/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330682	U-50750
NGC FED 32-5G	09S	16E	5	SW/NE		DUCHESNE	UT	WELLS DRAW UT	4301330670	U-30096
WD FED 14-33-B	08S	16E	33	SW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331229	U-49092
WD FED 14-34-B	08S	16E	34	NW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331225	U-47171
WD FED 21-4-G	09S	16E	4	NE/NW		DUCHESNE	UT	WELLS DRAW UT	4301331272	U-30096
WD FED 34-33-B	08S	16E	33	SW/SE		DUCHESNE	UT	WELLS DRAW UT	4301331269	U-49092
WD FED 41-5-G	09S	16E	5	NE/NE		DUCHESNE	UT	WELLS DRAW UT	4301331205	U-30096
WD FED 43-33-B	08S	16E	33	NE/SE		DUCHESNE	UT	WELLS DRAW UT	4301331240	U-49092

2044  
6058  
11675  
10674  
10065  
6075  
6080  
6185  
6175

P.3

**OPERATOR CHANGE WORKSHEET**

Routing:	
1- <u>HC</u>	6- <u>HC</u>
2- <u>GL</u>	7-KAS ✓
3- <u>DEPT</u>	8-SI ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION COMPANY</u>	<b>FROM:</b> (old operator)	<u>ENSERCH EXPLORATION INC</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>ROOSEVELT UT 84066</u>		<u>DALLAS TX 75206-3922</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(214)987-7859</u>
Account no.	<u>N5160</u>	Account no.	<u>N4940</u>

WELL(S) attach additional page if needed:

**\*PLEASANT VALLEY (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-30679</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- cc 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- cc 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- cc 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- cc 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) KUC Queatro Pro E. DBASE 1-22-98.*
- cc 6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
- cc 7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
- cc 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-22-98)*
- cc 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

**ENTITY REVIEW**

- Yes 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no)      If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*\* Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.  
*\* all wells to entity 12277 1-30-98 eff. 9-1-97; op. req. E. review.*

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- 2. A **copy of this form** has been placed in the new and former operator's bond files.
- 3. The **FORMER** operator has requested a release of liability from their bond (yes/no)     , as of today's date                     . If yes, division response was made to this request by letter dated                     .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on                      to                      at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.  
*1/27/98*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated                      19     , of their responsibility to notify all interest owners of this change.

**FILMING**

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 3.2.98.

**FILING**

- 1. **Copies** of all attachments to this form have been filed in each **well file**.
- 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

**COMMENTS**

980122 Blm/SF Aprv. eff. 1-15-98.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-10760**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**FED NGC 31-8H**

9. API Well No.  
**43-013-30679**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 Oil Well     Gas Well     Other    **WIW**

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1025 FNL 1662 FEL                      NW/NE Section 8, T09S R17E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>MIT</b>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

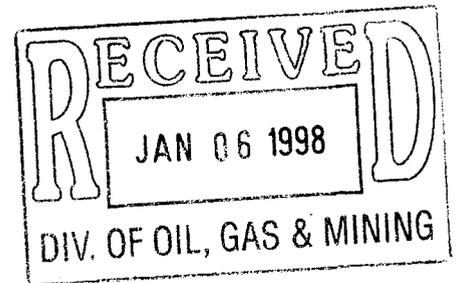
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A mechanical integrity test was performed on the above referenced well on 12-4-97 for one hour, following well re-work operations. Please refer to the following attachments:

1. "Daily Workover Report"
2. "Step Rate Record"
3. Copy of chart

The following people were notified prior to the MIT, but did not attend:

1. Mr. John Carson, EPA
2. Mr. Dan Jarvis, DOGM
3. Mr. Wayne Bankert, BLM



14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* Title Senior Reservoir Engineer Date 12/30/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:  
**CC: UTAH DOGM**



## Daily Workover Report

**PLEASANT VALLEY 31-8H**  
NW/NE Sec. 8, 9S, 17E  
Duchesne Co., Utah  
API # 43-013-30679

Spud Date: 8/12/82  
TD: 5793'  
WO rig:

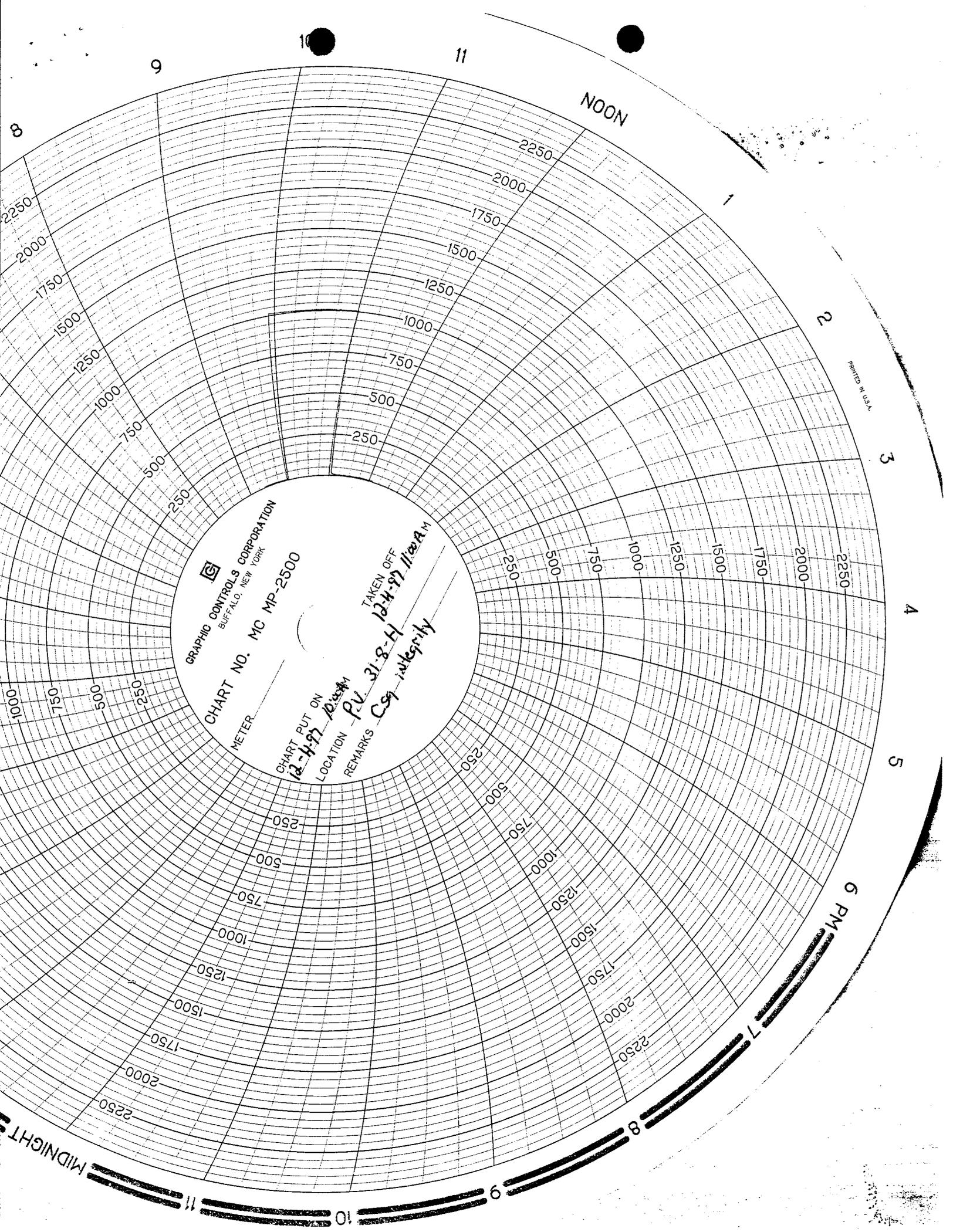
**12/4/97 PO: Csg integrity test. (Day 1)**

Summary: 12/3/97 - MIRUSU. ND wellhead. Release pkr. NU BOP. POOH w/tbg, breaking & doping each connection. TIH w/Halliburton Arrow Set I pkr, 163 jts 2-3/8" tbg, 1 jt 2-3/8" Blue band, 2 jts 2-3/8" tbg. ND BOP. Displace pkr fluid. Set prk in 14,000 tension. NU wellhead. Pressure csg to 1000 psi. RDSUMOL.  
DC: \$9,192 TWC: \$9,192

**STEP RATE RECORD**  
**Mechanical Integrity Test**  
**12-04-97**

**Pleasant Valley Federal #31-8H**  
**NWNE Sec 8-T9S-R17E**  
**Duchesne County, Utah**

<b>0</b>	<b>Min</b>	<b>1000 psig</b>
<b>5</b>	<b>Min</b>	<b>1000 psig</b>
<b>10</b>	<b>Min</b>	<b>1000 psig</b>
<b>15</b>	<b>Min</b>	<b>1000 psig</b>
<b>20</b>	<b>Min</b>	<b>1000 psig</b>
<b>25</b>	<b>Min</b>	<b>1000 psig</b>
<b>30</b>	<b>Min</b>	<b>1000 psig</b>
<b>35</b>	<b>Min</b>	<b>1000 psig</b>
<b>40</b>	<b>Min</b>	<b>1000 psig</b>
<b>45</b>	<b>Min</b>	<b>1000 psig</b>
<b>50</b>	<b>Min</b>	<b>1000 psig</b>
<b>55</b>	<b>Min</b>	<b>1000 psig</b>
<b>60</b>	<b>Min</b>	<b>1000 psig</b>



PRINTED IN U.S.A.

GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC MP-2500

METER

CHART PUT ON  
12-4-57 10:30 AM

LOCATION

REMARKS

TAKEN OFF  
12-4-57 11:00 AM  
C9 integrity

MIDNIGHT

NOON

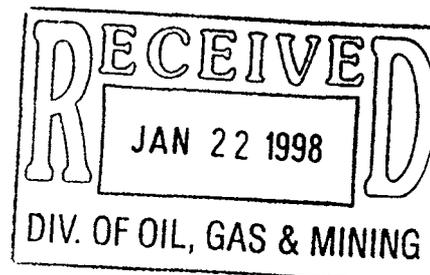
6 PM



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-931

January 15, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Pleasant Valley (Green River) Unit  
Duchesne County, Utah

Gentlemen:

*Enserch Expl. Inc. /Blm mailing correction 1-22-98.*

On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Pleasant Valley (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pleasant Valley (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Minerals Adjudication Group U-932  
File - Pleasant Valley (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/15/98

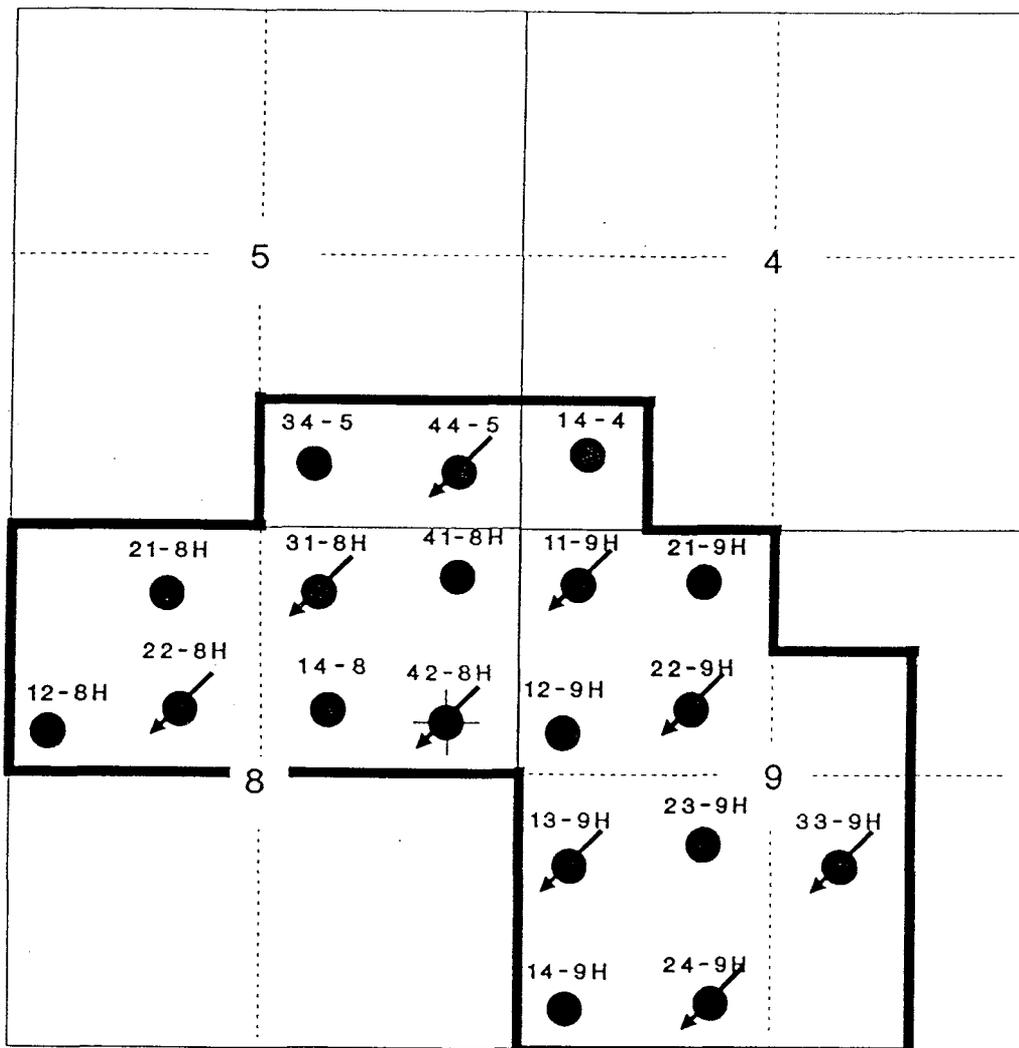
Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330542	14-8 POMCO	SWNE	8	T 9S	R17E	OSI	ENSERCH EXPLORATION INC
UTU50750	4301331459	14-9H	SWSW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331460	21-8H	NENW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301331458	21-9H	NENW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331457	22-8H	SENW	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330679	31-8-H NGC	NWNE	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330678	42-8-H NGC	SENE	8	T 9S	R17E	ABD	ENSERCH EXPLORATION INC
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T 9S	R17E	WIW	ENSERCH EXPLORATION INC

# PLEASANT VALLEY (GR) UNIT

## Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



9S

17E

— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

INLAND PRODUCTION COMPANY  
 PLEASANT VALLEY (GRRV) UNIT  
 (N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"



August 24, 1999

State of Utah  
Division of Oil, Gas & Mining  
Attn: Dan Jarvis  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Dan:

Please find enclosed Step Rate Test (SRT) results on the Federal #31-8H injection well in the Pleasant Valley Unit. Inland Production Company conducted the SRT on August 17, 1999. Due to pressure limitations of our surface injection lines we stopped the SRT before we reached parting pressure. Inland is requesting approval to change our Maximum Allowable Injection Pressure to 1875 psi (our maximum pressure reached for this test).

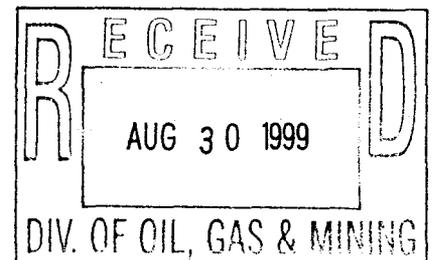
Thank you for your assistance. If you have any questions or need further information, please don't hesitate to call me at (435) 646-3721.

Sincerely,

Brad Mecham  
Operations Manager

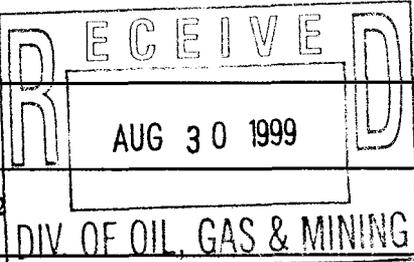
/bm

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-10760</b>	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		7. UNIT AGREEMENT NAME <b>PLEASANT VALLEY</b>	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630 Myton, Utah 84052 (435) 646-3721</b>		8. FARM OR LEASE NAME <b>FED NGC 31-8H</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NW/NE 1025 FNL 1662 FEL</b>		9. WELL NO. <b>Federal 31-8H</b>	
14. API NUMBER <b>43-013-30679</b>		10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5245 GR</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NW/NE Section 8, T09S R17E</b>	
12. COUNTY OR PARISH <b>DUCHESNE</b>		13. STATE <b>UT</b>	



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <u>Step-Rate Test</u>	<input checked="" type="checkbox"/>
(OTHER) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

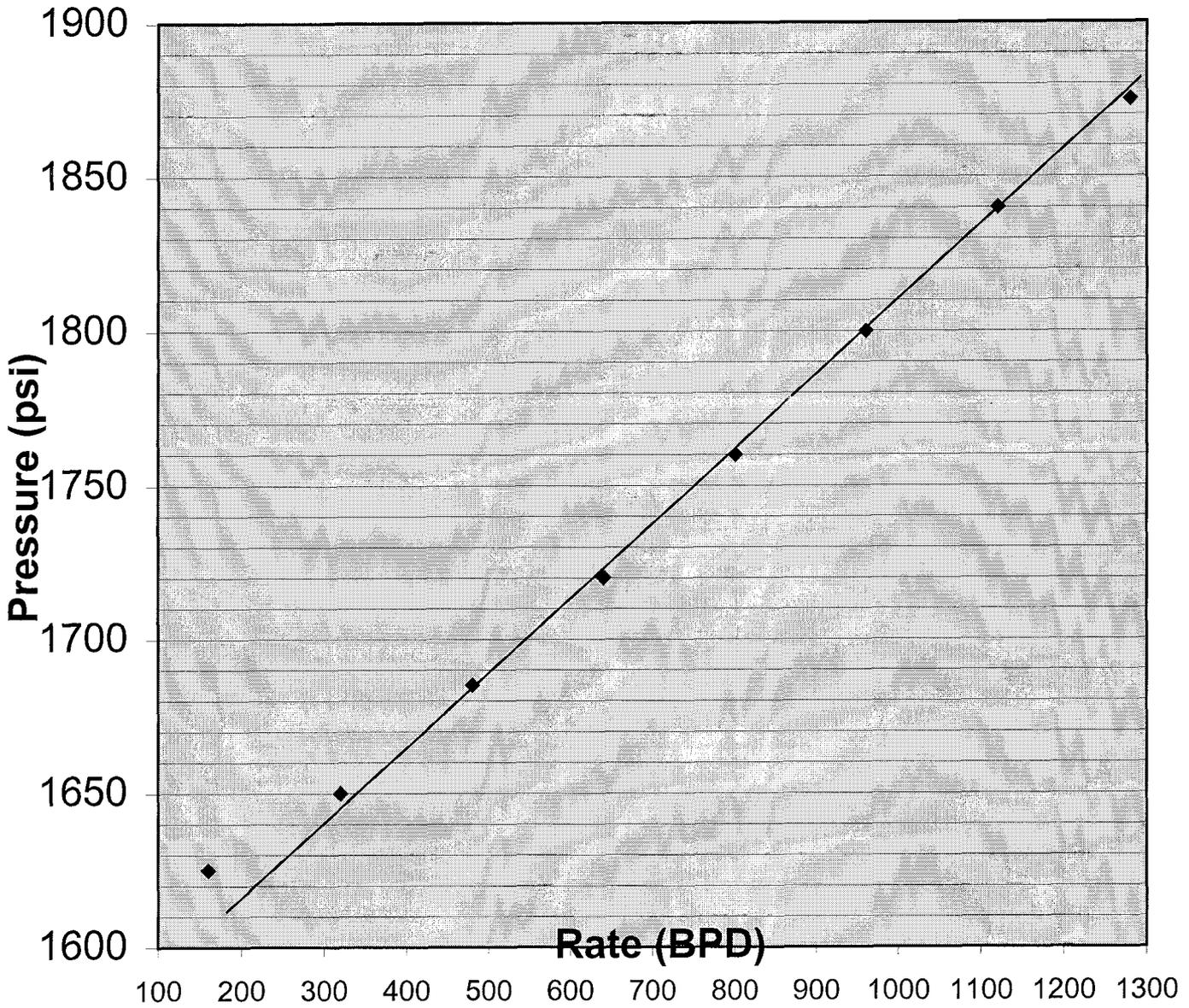
On August 17, 1999 Inland Production Company conducted a Step-Rate Test (SRT) on the Federal #31-8H injection well in the Pleasant Valley Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure to 1875 psi on this well.

18 I hereby certify that the foregoing is true and correct

SIGNED Brad Mechem TITLE Operations Manager DATE 8/20/99  
Brad Mechem

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**PV 31-8H**  
**(Pleasant Valley Unit)**  
**Step Rate Test**  
**August 17, 1999**

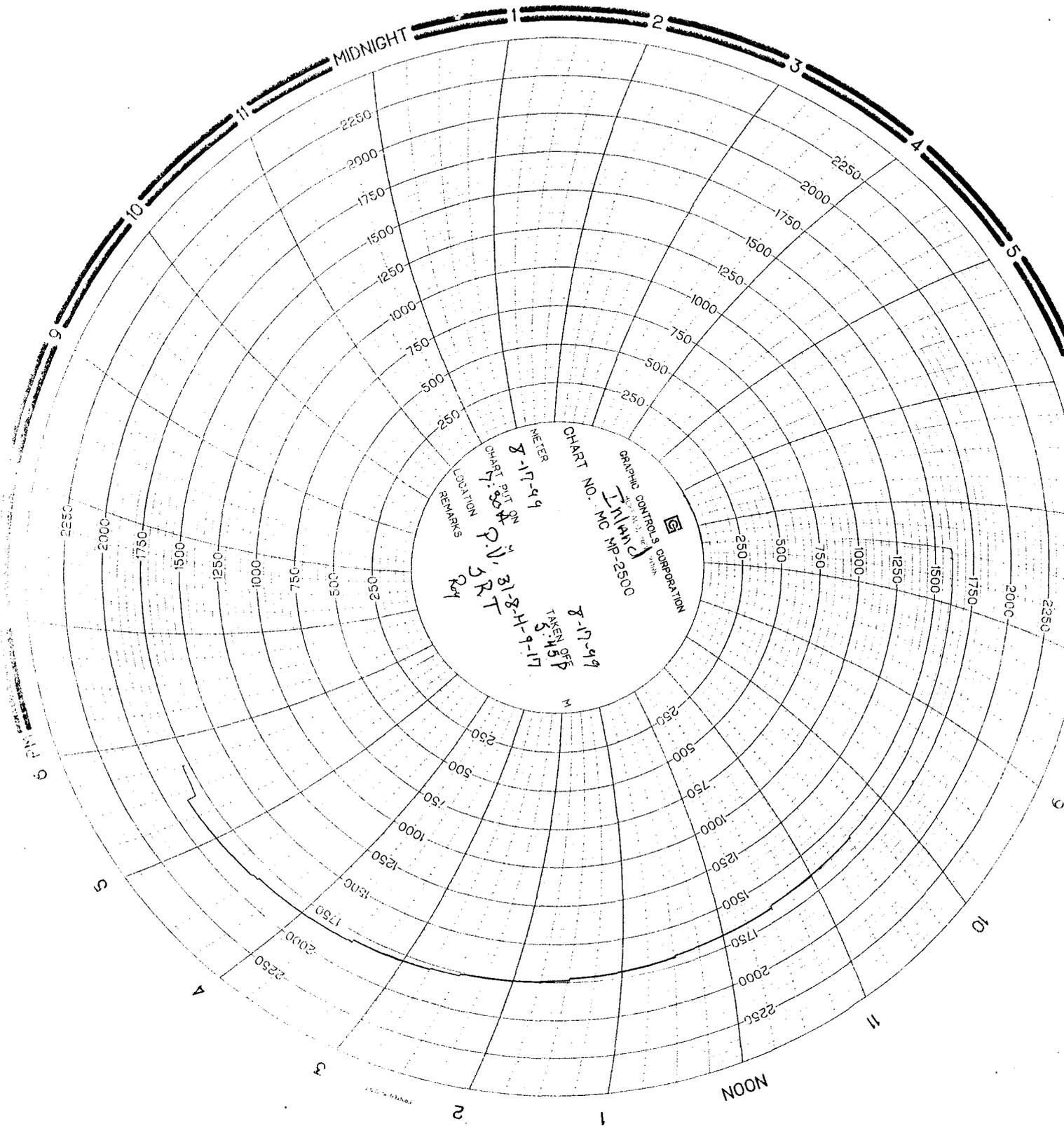


ISIP: N/A psi

Fracture pressure: Did not reach frac press.

FG: N/A

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	160	1625
2	320	1650
3	480	1685
4	640	1720
5	800	1760
6	960	1800
7	1120	1840
8	1280	1875



METER  
8-17-69  
CHART NO. MC NP-2500  
GRAPHIC CONTROLS CORPORATION  
MILWAUKEE, WIS. U.S.A.  
KEMENEF  
5-117  
P.N. 31-8-11-9-117  
5 RT  
Rd 1

MIDNIGHT

NOON

1 2 3 4 5 6 7 8 9 10 11

2250  
2000  
1750  
1500  
1250  
1000  
750  
500  
250



November 26, 2002

Mr. Dan Jarvis  
State of Utah, DOGM  
1594 West North Temple – Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**RECEIVED**

NOV 27 2002

**DIVISION OF  
OIL, GAS AND MINING**

RE: 5 Year MIT  
Federal 31-8H-9-17  
Sec. 8, T9S, R17E  
API # 43-013- 30679

Dear Mr. Dan Jarvis:

A 5-year MIT was conducted on the subject well. Attached are the sundry, a copy of the tabular sheet and chart. If you have any questions please let me know.

Sincerely,

Krisha Russell  
Production Clerk



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

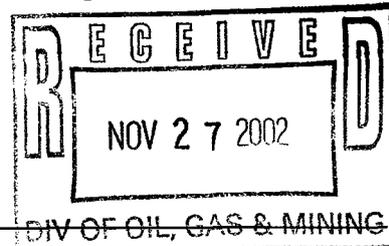
<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>U-10760</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  <b>N/A</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		<b>7. UNIT AGREEMENT NAME</b> <b>PLEASANT VALLEY</b>	
<b>3. ADDRESS OF OPERATOR</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		<b>8. FARM OR LEASE NAME</b> <b>FED NGC 31-8H</b>	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b> See also space 17 below.) At surface <b>NW/NE Section 8, T9S R17E</b> <b>1025 FNL 1662 FEL</b>		<b>9. WELL NO.</b> <b>FED NGC 31-8H</b>	
<b>14 API NUMBER</b> <b>43-013-30679</b>		<b>10. FIELD AND POOL, OR WILD CAT</b>  <b>MONUMENT BUTTE</b>	
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> <b>5245 GR</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <b>NW/NE Section 8, T9S R17E</b>	
<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>		<b>13. STATE</b> <b>UT</b>	

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>5 Year MIT</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A 5 year MIT was conducted on the subject well. On 11/19/02 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/State DOGM was contacted of the intent to conduct a MIT on the casing. On 11/21/02 the casing was pressured to 1100 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.



18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 11/26/02  
 Krishna Russell

cc: BLM  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

# Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11 / 21 / 02  
 Test conducted by: BRET HENRIE  
 Others present: \_\_\_\_\_

Well Name: <u>PLEASANT VALLEY 31-8H</u>	Type: ER SWD	Status: AC TA UC
Field: <u>PLEASANT VALLEY UNIT</u>		
Location: <u>NW1/4</u> Sec: <u>B T 9 N/S R</u> E/W County: <u>PUEBLO</u> State: <u>UT</u>		
Operator: <u>INLAND RESOURCES</u>		
Last MIT: <u>12 / 4 / 97</u>	Maximum Allowable Pressure: <u>1875</u>	PSIG

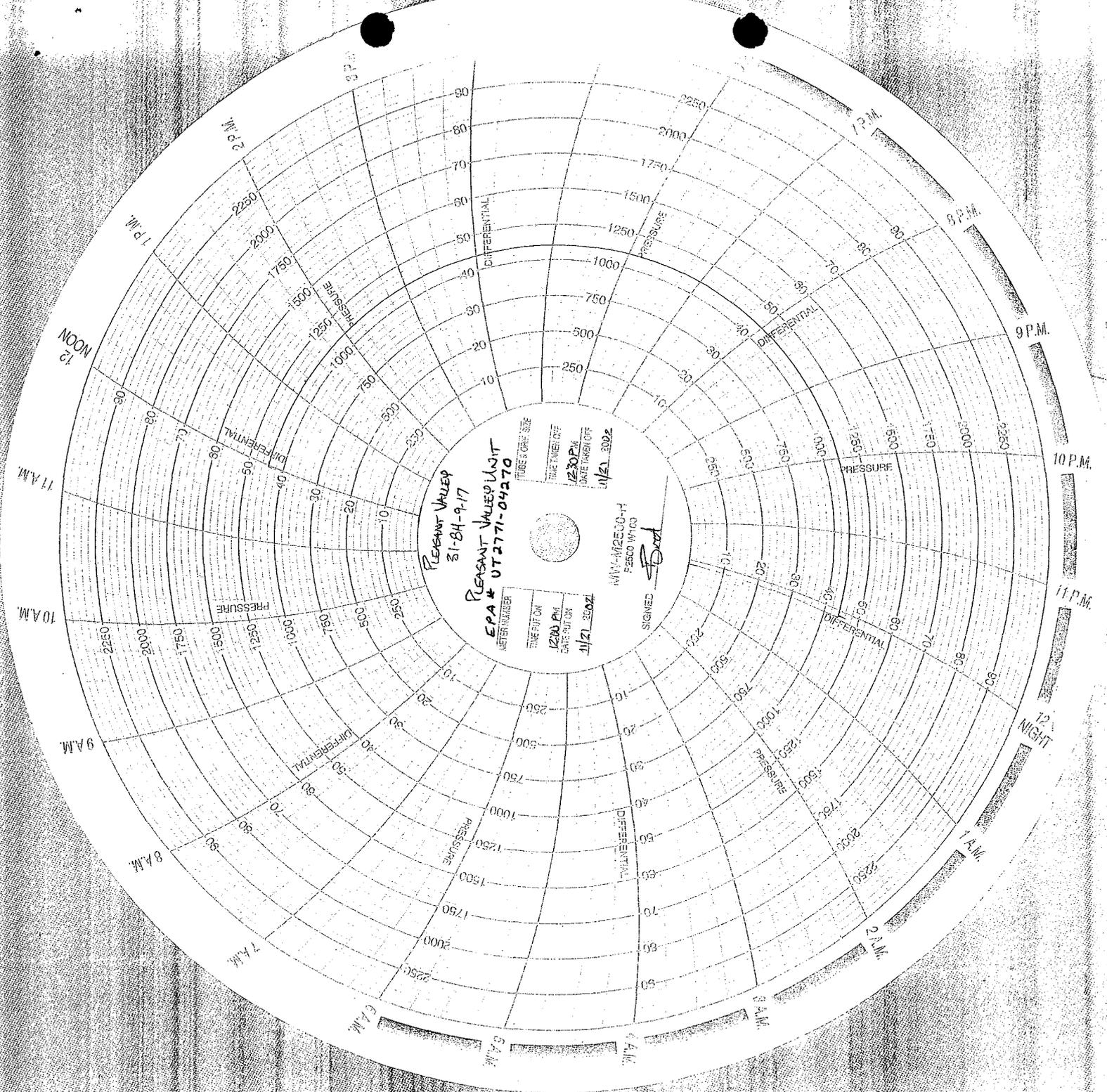
Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 31 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	1760 psig	psig	psig
End of test pressure	1760 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1100 psig	psig	psig
5 minutes	1100 psig	psig	psig
10 minutes	1100 psig	psig	psig
15 minutes	1100 psig	psig	psig
20 minutes	1100 psig	psig	psig
25 minutes	1100 psig	psig	psig
30 minutes	1100 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

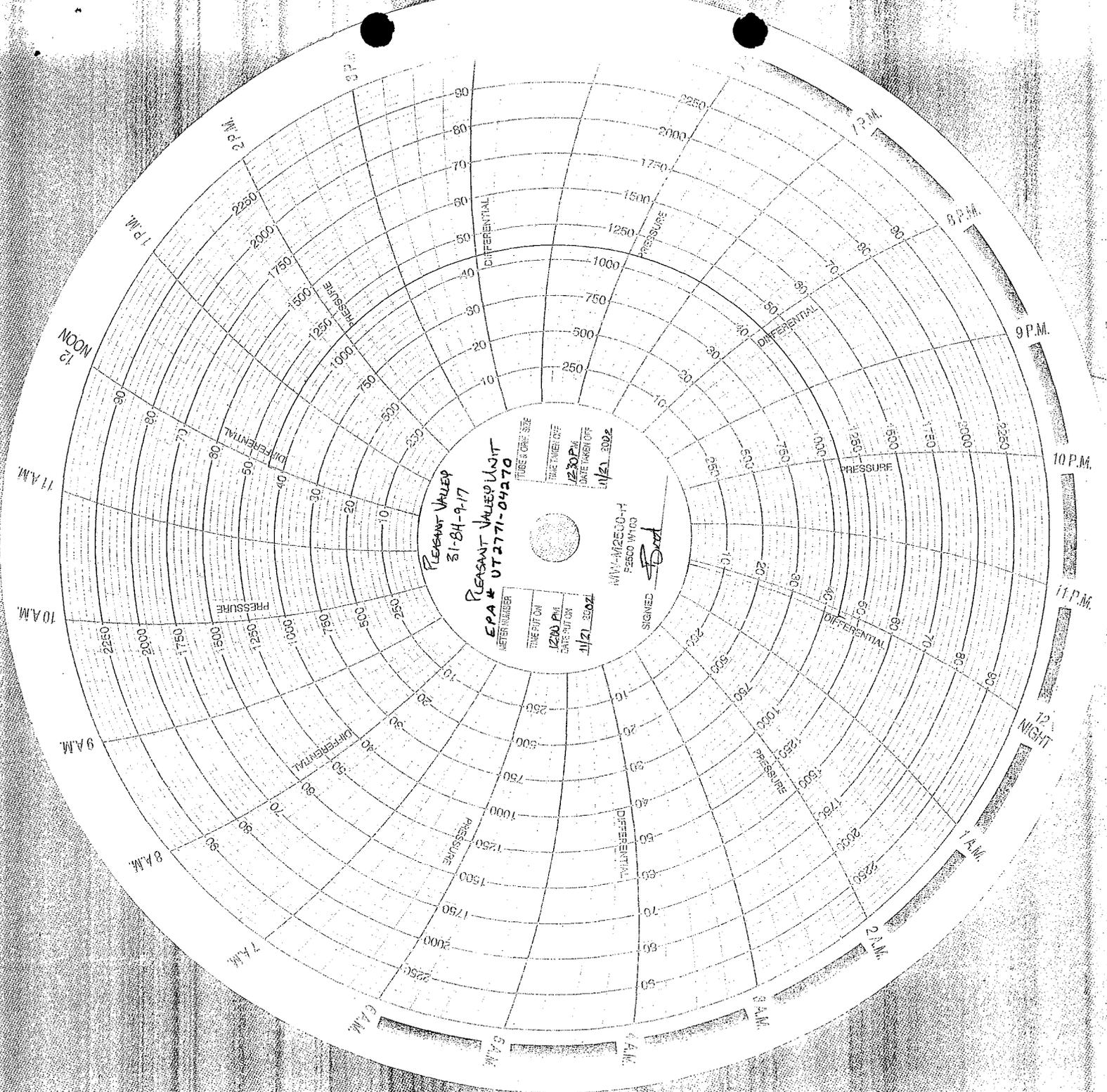




PLEASANT VALLEY  
 31-84-9-17  
 PLEASANT VALLEY UNIT  
 EPA # UT 2771-04270  
 METER NUMBER  
 TIME PUT ON  
 12:30 P.M.  
 DATE PUT ON  
 11/21 2002

TUBE & CAP SIZE  
 MAKE TAPER OFF  
 DATE TAPER OFF  
 11/21 2002

MW-125-10-1  
 P2500 W103  
 SIGNED *Sord*





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

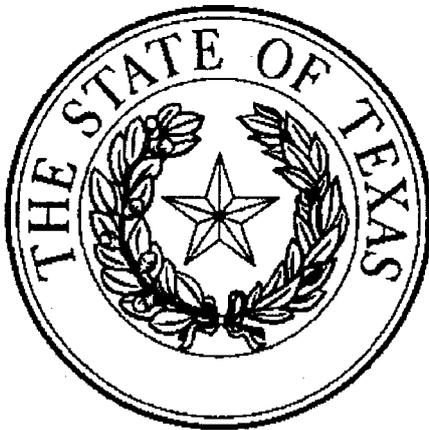
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company	Name: Brian Harris
Address: 1401 17th Street Suite 1000	Signature: <i>Brian Harris</i>
city Denver state Co zip 80202	Title: Engineering Tech.
Phone: (303) 893-0102	Date: 9/15/2004
Comments:	

NEW OPERATOR

Company: Newfield Production Company	Name: Brian Harris
Address: 1401 17th Street Suite 1000	Signature: <i>Brian Harris</i>
city Denver state Co zip 80202	Title: Engineering Tech.
Phone:	Date: 9/15/2004
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt*  
Title: *Perk Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

**CA No.**

**Unit:**

**PLEASANT VALLEY (GR)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-10760

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
PLEASANT VALLEY UNIT

8. WELL NAME and NUMBER:  
FED NGC 31-8H

9. API NUMBER:  
4301330679

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1025 FNL 1662 FEL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 8, T9S, R17E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/14/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/8/07 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 11/14/07. On 11/14/07 the casing was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1800 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20771-04270 API# 43-013-30679

Approved by the  
Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Ross

TITLE Production Clerk

SIGNATURE *Callie Ross*

DATE 11/19/2007

(This space for State use only)

**RECEIVED**  
NOV 20 2007  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11/14/07  
 Test conducted by: Bernard Sander  
 Others present: \_\_\_\_\_

Well Name: <u>Pleasant valley 31-84-9-175d</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NE</u> Sec: <u>8</u> T <u>9</u> N <u>10</u> R <u>17</u> W County: <u>Dachana</u> State: <u>UT</u>		
Operator: _____		
Last MIT: <u>/ /</u>		Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

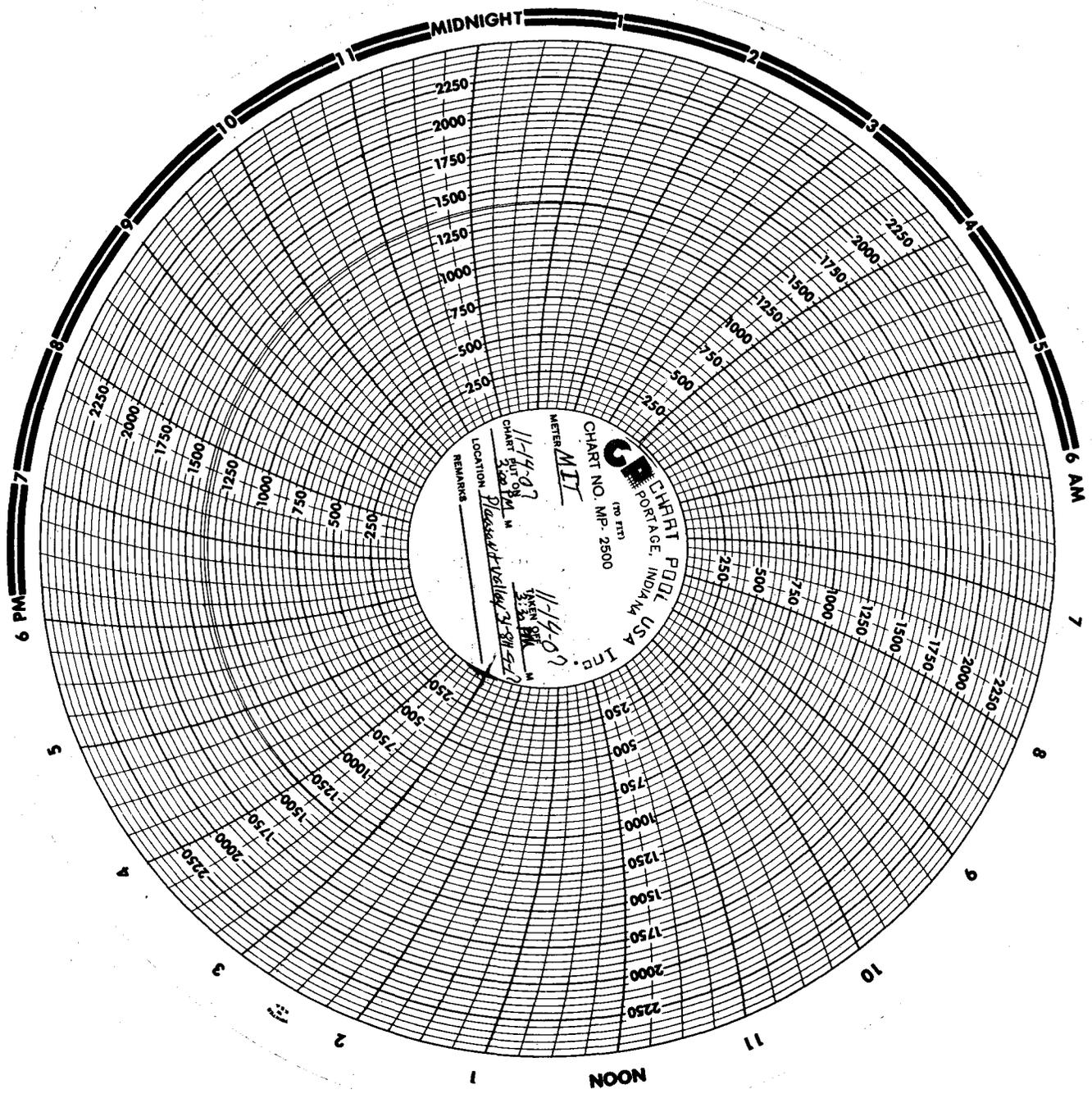
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1800</u> psig	psig	psig
End of test pressure	<u>1800</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1350</u> psig	psig	psig
5 minutes	<u>1350</u> psig	psig	psig
10 minutes	<u>1350</u> psig	psig	psig
15 minutes	<u>1350</u> psig	psig	psig
20 minutes	<u>1350</u> psig	psig	psig
25 minutes	<u>1350</u> psig	psig	psig
30 minutes	<u>1350</u> psig	psig	psig
_____ minutes	<u>—</u> psig	psig	psig
_____ minutes	<u>—</u> psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



**CP** CHART PAPER USA LTD.  
(TO FIT)  
CHART NO. MP-2500  
INDIANAPOLIS, INDIANA

METER: MIT  
11-14-07  
CHART SIZE: 8 1/2" x 11" M  
3000 17  
LOCATION: Classical Building 3-311-517  
REMARKS:  
11-14-07  
5:30 AM  
M

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FED NGC 31-8H	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013306790000	
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1025 FNL 1662 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>On 10/08/2012 Sarah Roberts with the EPA was contacted concerning the 5 year MIT on the above listed well. On 10/12/2012 the casing was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1750 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20771-04270</p>			
		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 22, 2012</b>	
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician	
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/16/2012	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 10 / 12 / 12  
 Test conducted by: Curtis Murphy  
 Others present: Cody Marx

Well Name: <u>Fed. NBC 31-8H-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NE</u> Sec: <u>8</u> T: <u>9</u> N: <u>(S)</u> R: <u>17</u> E/W: _____ County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1875</u>	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1430 psig

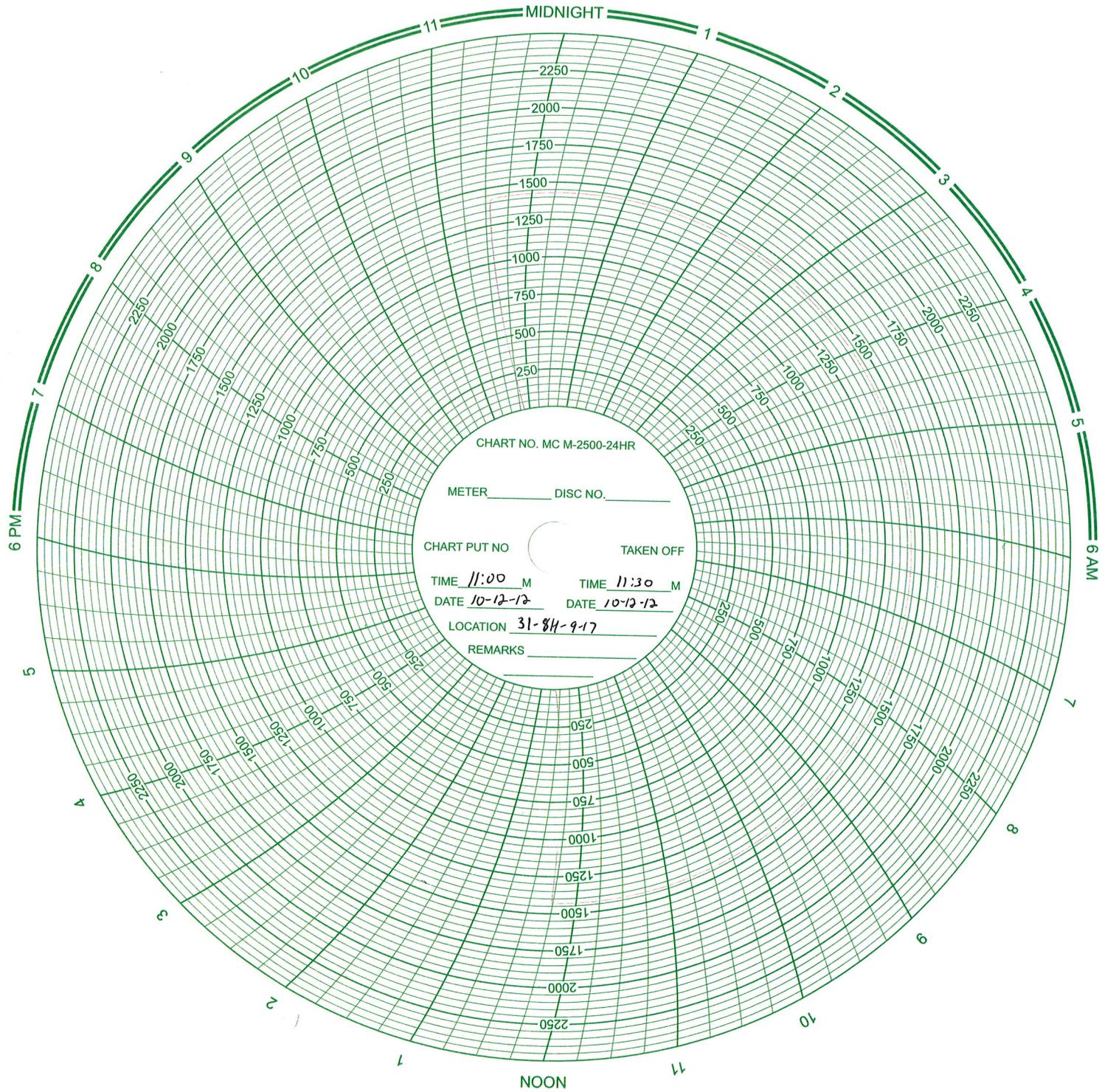
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1750</u> psig	psig	psig
End of test pressure	<u>1750</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1430</u> psig	psig	psig
5 minutes	<u>1430</u> psig	psig	psig
10 minutes	<u>1430</u> psig	psig	psig
15 minutes	<u>1430</u> psig	psig	psig
20 minutes	<u>1430</u> psig	psig	psig
25 minutes	<u>1430</u> psig	psig	psig
30 minutes	<u>1430</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



# Fed NGC #31-8H-9-17

Spud Date: 8/12/82  
 Put on Injection: Approx. 3/1/96  
 GL: 5245' KB: 5259'

Initial Production: 70 BOPD,  
 15 MCFPD, 5 BWPD

## Injector Diagram

### SURFACE CASING

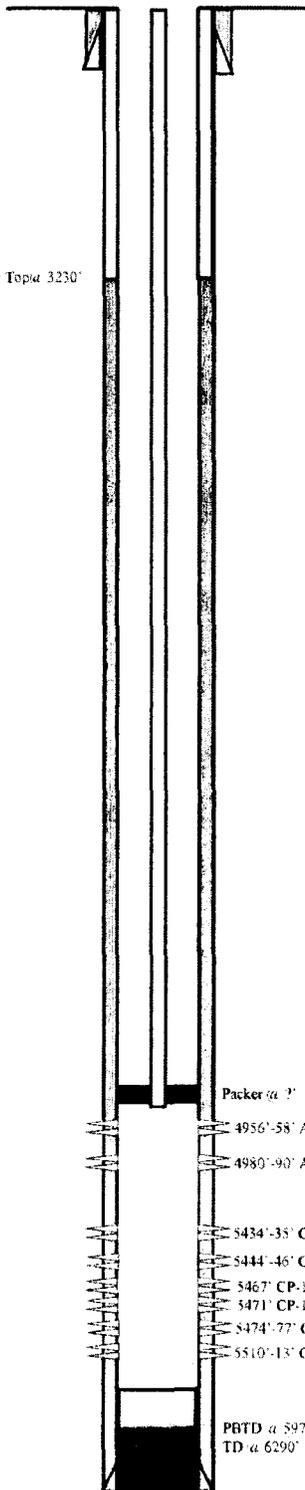
CSG SIZE: 9-5/8"  
 GRADE: K-55  
 WEIGHT: 36#  
 LENGTH: ?  
 DEPTH LANDED: 322' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: N/A (Cmt w/ BJ Hughes)

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: N-80  
 WEIGHT: 17#  
 LENGTH: ?  
 DEPTH LANDED: 6069'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 80 sx Halliburton "F" w/ Fly ash; 520 sx Ideal 50-50 w/ 2% gel, 18% NaCl, 1.4% D-31, 1.4% sx Celloflake  
 CEMENT TOP AT: 3230' per CBL

### TUBING

SIZE GRADE WT: 2-3/8"  
 NO. OF JOINTS: 165 jts + 1 jt 2-3/8" Blue band  
 PKR: Halliburton Arrow Set 1 (Set pkr in 14,000 tension)  
 Note: MIT performed 12/97, daily report did not provide depth information.  
 TOTAL STRING LENGTH: ?



### FRAC JOB

11/21/82 5434'-5513' Frac w/ 40,000 gal Versagel fluid & 156,000# 20/40 sand. ISIP: 1826#, 15 min. 1310#. Flow back frac. Opened well on 10-64" ck. flowed for 6 hrs. made 150 bbls frac fluid.  
 11/24/82 4956'-4990' Frac w/ 40,500 gal Versagel fluid & 160,000# 20/40 sand. ISIP: 2140#, 5 min. 2010#, 10 min. 1940#, 15 min. 1890#, 20 min. 1860#. Avg inj rate @ 35 bpm w/ 2500#. Flow back after frac. 22-hr SICP-500#. Open to pit on a 24-64" ck. Well flowed for 3 hrs. rec 50 bbls frac fluid. Opened well to 2" choke.  
 11/14/07 **5 Year MIT completed and submitted.**  
 11/3/08 **Zone Stimulation. Updated tubing detail.**

### PERFORATION RECORD

11/20/82	5510'-5513'	1 JSFP	4 holes
11/20/82	5474'-5477'		4 holes
11/20/82	5471'		1 hole
11/20/82	5467'		1 hole
11/20/82	5444'-5446'		3 holes
11/20/82	5434'-5435'		2 holes
11/23/82	4980'-4990'	1 JSFP	11 holes
11/23/82	4956'-4958'	1 JSFP	3 holes

**NEWFIELD**

**FED NGC 31-8H**  
 1025 FNL 1662 FEL  
 NW/NE Section 8, T09S R17E  
 DUCHESNE CO, UTAH  
 API #43-013-30679; LEASE #U-10760